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ANNUAL REPORT



Town of Reading
MASSACHUSETTS



1938

TOWN OF READING



ANNUAL REPORT

FOR THE

Financial Year Ended December 31

1938

*Reading Chronicle Press, Inc.
Reading, Mass.*



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TOWN OFFICERS

Elected and Appointed

1938—1939

Board of Selectmen

J. WARREN KILLAM, JR., Chairman	Term Expires	1939
CARL W. GOODRIDGE, Secretary	" "	1940
NEWELL H. MORTON	" "	1941
LEON G. BENT, Clerk.		

Board of Public Welfare

EDWARD F. PARKER, Chairman	Term Expires	1939
HARRIETT L. ROONEY	" "	1940
KITTIE M. BANGS	" "	1941
EDWARD E. HARNDEN, Secretary and Superintendent of Public Welfare.		
HELEN A. BROWN, GLADYS M. LANE	Visitors	

Bureau of Old Age Assistance

EDWARD F. PARKER, Chairman	Term Expires	1939
HARRIETT L. ROONEY	" "	1940
KITTIE M. BANGS	" "	1941
VIRGINIA C. SMITH, Secretary.		
EDWARD E. HARNDEN	Director of Old Age Assistance	
MARY F. DANIEL	Visitor	

Certifying Board W. P. A.

EDWARD F. PARKER	Term Expires	1939
HARRIETT L. ROONEY	" "	1940
KITTIE M. BANGS	" "	1941

Sponsors' Agent W. P. A.

ARTHUR C. MICHELINI

Board of Assessors

EDGAR FROST, Chairman	Term Expires	1939
GEORGE E. HORROCKS, Secretary	" "	1941
ARTHUR S. COOK	" "	1940

Town Clerk

MILLARD F. CHARLES

Moderator

CHARLES P. HOWARD

Collector of Taxes

GRACE V. VIALL

Town Counsel

SAMUEL H. DAVIS

Treasurer

PRESTON F. NICHOLS

Town Accountant

LEON G. BENT

Soldier's Relief Agent

CHARLES W. H. SMITH

Board of Public Works

ALEXANDER LINDSAY, Chairman	Term Expires	1939
HAROLD W. PUTNAM, Secretary	" "	1940
EDWARD A. BROPHY	" "	1940
WENDELL P. DAVIS	" "	1939
ALEXANDER WILLIAMSON	" "	1941
PHILIP P. WELCH, Superintendent.		

Board of Health

EDWARD M. HALLIGAN, M. D., Chairman	Term Expires	1940
CHRISTINE F. ATKINSON, Secretary	" "	1939
ROBERT B. SHEPARDSON, M. D.	" "	1941

Finance Committee

JOHN L. DEVANEY, Chairman	Term Expires	1940
LOUIS DAVIS	" "	1939
A. ALDEN GOLDSMITH	" "	1939
FRANK M. MERRILL	" "	1939
CHARLES F. TREVOR	" "	1939
JEMIMA L. WELLMAN	" "	1939
WILLIAM A. CONNELLY, D. M. D.	" "	1940
MARGARET R. ELLISON	" "	1940
CLARENCE M. KIMBALL	" "	1940
ALLAN H. STURGES	" "	1940
HAROLD B. CURRELL	" "	1941
ROBERT M. FOLSOM	" "	1941
WENDELL B. NEWELL	" "	1941
HERMAN M. NOYES	" "	1941
G. LAWRENCE ROBERTS	" "	1941
LEON G. BENT, Clerk.		

School Committee

FRANK D. TANNER, Chairman	Term Expires	1941
MARGARET S. CANTY	" "	1939
CHARLES R. WAKELING, M. D., D. O.	" "	1939
HOWARD T. CLINCH	" "	1940
ESTHER D. TWOMBLY	" "	1940
IRVING C. AUSTIN	" "	1941
ARTHUR E. PIERCE, Secretary.		

Superintendent of Schools

ARTHUR E. PIERCE

Attendance Officer

JOSEPHINE L. FOWLER

School Nurse

*MABEL M. BROWN, R. N.

**MARGARET B. CLEWLEY

School Physician

CHARLES R. HENDERSON, M. D.

Municipal Light Department

HENRY R. JOHNSON, Chairman	Term Expires	1941
LOUIS ELLENWOOD, Secretary	" "	1940
HERBERT G. EVANS	" "	1939
ARTHUR G. SIAS, Manager.		

Board of Registrars

ROBERT S. RALSTON, Chairman	Term Expires	1941
OWEN McKENNEY	" "	1939
RALPH S. KENEELY	" "	1940

Board of Cemetery Trustees

CLARENCE C. WHITE, Chairman	Term Expires	1941
FRED L. NUTTER, Secretary	" "	1940
HAROLD F. DAVIS	" "	1939
PHILIP H. TIRRELL	" "	1939
FRANK LEE EDGERLEY	" "	1940
W. FLETCHER TWOMBLY	" "	1941
WILLIAM P. PIERPONT, Superintendent.		

Planning Board

PHILIP R. WHITE, Chairman	Term Expires	1941
RICHARD F. DREW, Secretary	" "	1940
McPHERSON DANIEL	" "	1939
WINTHROP D. PARKER	" "	1940
SHERBURNE J. WATTS	" "	1941

Trustees Public Library

LOUIS M. LYONS, Chairman	Term Expires	1939
C. NELSON BISHOP, Secretary	" "	1940
HELEN P. TIRRELL	" "	1939
WARREN L. FLETCHER	" "	1940
A. IMRIE DIXON	" "	1941
ISABELLE G. HEDGES	" "	1941

Commissioners of Trust Funds

H. RAYMOND JOHNSON, Chairman	Term Expires	1943
CLARENCE C. WHITE	" "	1939
ROBERT M. BROWN	" "	1941

Town Treasurer and Chairman of Selectmen, members ex-officiis.

*Resigned December 1938.

**Appointed to fill vacancy.

Board of Appeal

HENRY Q. MILLETT, Chairman	Term Expires	1941
FRED L. NUTTER, Secretary	" "	1940
BENJAMIN B. PIPER	" "	1939

Associate Members of Board of Appeal

HERBERT T. SCHOPPELRY	Term Expires	1939
HOWARD T. CLINCH	" "	1940
DUDLEY B. KILLAM	" "	1941

Sealer of Weights and Measures

Inspector of Milk and Food

CARL M. SMITH

Inspector of Plumbing and Gas Inspector

DAVID TAGGART

Inspector of Animals

BERNARD SCHIMPFKE

Dog Officer

CHARLES H. MELENDY

Game Warden

JAMES T. PUTNAM

Inspector of Slaughtering

CORNELIUS THIBEAULT, M. D. V.

Inspector of Buildings

A. RUSSELL BARNES

Superintendent of Moth Work and Tree Warden

HENRY M. DONEGAN

Burial Agent, Soldiers and Sailors

CHARLES E. TASNEY

Custodian Soldiers' Graves

HARRY A. TURNER

Forest Warden

HUGH L. EAMES

Deputy Forest Warden

HENRY M. DONEGAN

Constables

LEON G. BENT

J. WINTHROP SIAS

Insurance Committee

J. WARREN KILLAM, JR.

CARL W. GOODRIDGE

NEWELL H. MORTON

} Board of Selectmen

PRESTON F. NICHOLS, Town Treasurer.

JOHN L. DEVANEY, Chairman Finance Committee.

Custodian of Town Farm

ARTHUR C. MICHELINI

Police Department
JEREMIAH CULLINANE, Chief

Sergeants

FRANCIS L. JOHNSON

FRANCIS T. SLACK

Patrolmen

TIMOTHY J. CULLINANE

OSCAR H. LOW

FRANK R. FISHER

GORDON G. MacINTIRE

EARL R. HUTCHINSON

HAROLD W. O'BRIEN

JAMES H. LAWLER

WILLIAM F. O'BRIEN

PATRICK J. LONG

THOMAS E. WALL

THOMAS J. FITZPATRICK

Reserve Officers

JOHN R. CONDON

ROLAND E. ELLIS

ARTHUR M. CURTIN

JOSEPH M. GREENE

PATRICK J. PANTANO

Keeper of the Lock-up

JEREMIAH CULLINANE

Fire Department

HUGH L. EAMES, Chief

JOHN J. O'BRIEN, Deputy Chief

WILLIAM H. VANHORN, Capt.

FRANK L. McKENNEY, Lieut.*

CHARLES H. HESELTON, Lieut.**

HERBERT L. ROBERTSON

GEORGE W. GOODRIDGE

ALBERT C. MAXWELL

ELMER A. DYKENS

LEWIS C. HOLDEN

*Died June 2, 1938.

**Appointed Lieutenant June 17, 1938.

Call Men

JOSEPH ARSENAULT

OWEN McKENNEY, Capt.

GEORGE F. BAXTER

JAMES PERRY

HOWARD E. BUSSELL

H. HARVEY QUIGLEY

ANDREW B. BUTTERS

JOHN A. RAMSAY

JOHN J. CARNEY

HERMAN L. RIESSLE

CHARLES N. CHASE

GEORGE A. ROGERS

THOMAS F. CLASSEN

BERNARD SCHIMPFKE

WILLIAM H. GAY, Capt.

G. WARREN SPRAGUE

J. LOUIS GOODRIDGE

F. LIONEL SPRINGFORD

CHESTER GOODWIN

W. REGINALD VANHORN

LESLIE C. HADLEY

GEORGE ZANNI

FRANK H. HESELTON, Lieut.

Superintendent of Fire Alarm

HUGH L. EAMES

Inspector of Wires

ALBERT C. MAXWELL

Measurers of Lumber

ORA L. MILBURY BURTON K. SYMONDS
WILLIAM R. ZWICKER

Weighers of Coal and Hay

THOMAS E. BROGAN BERTHA D. MacLELLAN
CHARLES W. LEE WENDELL B. NEWELL
MABEL L. MacKAY PERCY N. SWEETSER

Measurers of Wood and Bark

PERCY N. SWEETSER BURTON K. SYMONDS
THOMAS F. BROGAN

Field Drivers

ARTHUR W. BANCROFT ADOLPH S. LARSON
EDWARD E. NICHOLS

Fence Viewers

WENDELL B. NEWELL CARL B. SAWYER
ALBERT E. TEMPLE

Committee on Elm Tree Protection

ANDREW CHRISTENSEN HENRY M. DONEGAN
JOHN F. SAWYER

Committee on Town Forests

LELAND W. KINGMAN, Chairman	Term Expires 1940
HENRY M. DONEGAN	" " 1939
ORVILLE O. ORDWAY	" " 1941

Law Committee

J. WARREN KILLAM, JR., Chairman
EDGAR FROST ALEXANDER LINDSAY
FRANK D. TANNER HENRY R. JOHNSON
EDWARD M. HALLIGAN, M. D. EDWARD F. PARKER

Special Police Officers

JOHN F. MAGUIRE	Reading High School
CHARLES L. CUMMINGS	Reading High School
J. FRED RICHARDSON	Prospect St. School
SYLVANUS THOMPSON	Lowell St. School
EDWARD McBRIEN	Center and Union Schools
WALTER SMITH	Junior High School
JAMES L. HEALEY	Highland School
HENRY W. BRYDEN	Junior High School
WILLIAM H. KILLAM	Municipal Building and Library
FRANK F. STROUT	Pumping Station
RALPH F. PLOUFF	

Special Police Officers (Continued)

WILLIAM P. PIERPONT	
WILLIAM H. MANNING	
CHARLES H. MELENDY	
GARDNER A. PERRY	
EDGAR C. STUART	American Legion Quarters
ROBERT O. CHESLEY	Unitarian Church and Community Hall
THOMAS F. CLASSEN	
SIDNEY FREDERICK	Sewerage Pumping Station and Vicinity
EDWARD E. HARNDEN	Town Farm
CHARLES L. GOWING, JR.	Reading Theatre
FRED RIESSLE	Junior High School
DANIEL J. O'KEEFE	Town Dump
J. EDWARD BLACK	
HERBERT F. CARTER	
J. WINTHROP SIAS	
NORMAN H. JEWETT	
GEORGE O'KEEFE	
JACOB C. NEILSON	
GEORGE HALL	
FREDERICK W. BURNS	Town Forest
ARTHUR C. MICHELINI	Town Farm Building

Statistics

Population, census of 1935, 10,703.

Registered Voters 1938: Men 2927, Women 2962, Total 5889.

Fifth Congressional District.

Sixth Councillor District.

Seventh Middlesex Senatorial District.

Eighteenth Middlesex Representative District.

Representative in Congress, 5th District, Edith Nourse Rogers, Lowell.

Councillor 6th District, Eugene A. F. Burtnett, Somerville.

Senator 7th Middlesex District, Joseph R. Cotton, Lexington.

Representatives 18th Middlesex District, Arthur W. Coolidge, Reading,
and Gustave W. Everberg, Woburn.

A SHORT HISTORY OF READING

The town of "Redding", as it is written in the early records, began to be settled in 1639 when inhabitants of Lynn petitioned the Colony Court for an inland plantation and were granted "four square miles" at the head of their bounds. The new settlement was first called "Linn Village", but later took the name of "Redding". The town was incorporated in 1644. Additional land to the north was granted in 1651.

"Wood End" appears first in the records of 1673, referring to Reading. In 1675 King Philip's War called many residents to arms. The "North Precinct" (North Reading) was set off in 1713 as a distinct parish including all land north of the Ipswich River, together with "Sadler's Neck".

In 1769, the general court decreed that the Third or West Parish be set aside as a separate parish which comprised practically all the land now known as Reading.

During the American Revolution, Reading sent more than 400 men, not including the minute-men to the war and contributed appreciable sums of money. In July, 1776, 800 prisoners, including Lt. Col. Archibald Campbell, were quartered here.

The First Parish separated from Reading in 1812 and incorporated in that year as South Reading. Passenger cars first ran on the extension of the Boston and Maine from Wilmington through Reading, and Malden to Boston in 1845; prior to that time there were no trains, the line running from Boston to Lowell through Wilmington.

The Richardson Light Guards first went into action in the Civil War in 1861, again in 1862, together with a new company recruited in Reading for nine months of service, and finally in 1864.

The name of South Reading was changed to Wakefield in 1868.

During the years, Reading has grown from a small village to a thriving residential town with a population of 10,703. The town supports seven churches, a fine school system, and many fraternal and civic organizations, and has, in recent years, acquired the title of "The Ideal Home Town."

TOWN OF READING
LIST OF JURORS FOR 1938—1939
 Prepared by the Board of Selectmen

Name	Occupation	Residence
Ainsworth, Dennis J., Electrician		15 Woodbine St.
Albee, George H., Clerk		16 Mineral St.
Alward, Ernest C., Manufacturer		450 Summer Ave.
Bailey, Horace A., Salesman		93 Salem St.
Bancroft, Arthur W., Clerk		63 West St.
Bancroft, Hamlet R., Operator		16 Chute St.
Barclay, Robert M., Clerk		26 Vine St.
Barr, Harry C., Merchant		33 Highland St.
Bemister, Ralph E., Clerk		21 Sanborn St.
Bennett, Austin F., Painter		354 Main St.
Berry, John M., Broker		186 Salem St.
Birchall, Joseph C., Merchant		43 Bancroft Ave.
Bowers, Harrison W., Manager		15 Hopkins St.
Bowman, Richard J., Chauffeur		115 Green St.
Bradley, Henry J., Operator		113 Green St.
Brown, Robert M., Asst. Manager		165 Bancroft Ave.
Callan, Arthur B., Superintendent		66 Hanscom Ave.
Chandler, Myron K., Traffic Engineer		72 Hanscom Ave.
Chase, Robert P., Fuel Dealer		18 Fairview Ave.
Clapperton, John, Machinist		161 Pleasant St.
Clough, Harry E., Ins. Salesman		142 Bancroft Ave.
Collins, Walter R., Gardener		179 Green St.
Cooper, Carl C., Treasurer		167 Summer Ave.
Cox, Eugene R., Clerk		8 Kingston St.
Crosby, Melvin S., Division Mgr.		50 Middlesex Ave.
Croswell, Ray R., N. E. Tel. & Tel.		52 Hancock St.
Cutcliffe, Winthrop L., Ins. Broker		15 Belmont St.
Davis, Clyde L., Asst. General Freight Agent		113 Bancroft Ave.
Davis, Victor H., Merchant		21 Arlington St.
DeMattio, Benedetto, Foreman		Jadem Ter.
Dennison, Ralph H., Clerk		26 Copeland Ave.
Dillaway, Ernest N., Salesman		29 Perkins Ave.
D'Orlando, Frank, Manufacturer		22 Smith Ave.
Ellison, Guy W., Pass. Agent		90 Grand St.
Foxcroft, Francis R., Salesman		100 Prescott St.
French, Clarence J., Traffic Manager		297 Summer Ave.

Name	Occupation	Residence
Gibson, Ralph R.,	Ins. Investigator	972 Main St.
Gillis, J. Wallace,	Salesman	71 Locust St.
Gay, William H.,	Milkman	271 Woburn St.
Gray, Arthur L.,	Salesman	34 Kingston St.
Gregson, William S.,	Clerk	120 Prescott St.
Harris, Charles B.,	Asst. Yardmaster	527 Summer Ave.
Harris, Marshall P.,	Salesman	57 Bancroft Ave.
Haskins, George,	Civil Engineer	40 Dudley St.
Hegarty, Michael J.,	Manager	24 Oak St.
Hilton, Walter C.,	Salesman	301 Ash St.
Hoey, Eugene F.,	Mechanic	36 Fremont St.
Hopkins, Walter S. Jr.,	Farmer	472 Summer Ave.
Hoyt, Carroll P.,	Clerk	42 Federal St.
Hulsman, Kenneth G.,	Civil Engineer	284 Woburn St.
Kehoe, Edward H.,	Clerk	205 Bancroft Ave.
Kelch, William H.,	Contractor	67 Longwood Rd.
Keneely, Ralph S.,	Retail Salesman	189 Haven St.
Kimball, Clarence M.,	Accountant	280 Woburn St.
Kissock, William H.,	Salesman	335 Summer Ave.
Lyle, Robert P.,	Income Tax Acct.	364 Lowell St.
MacLellan, John J.,	Lineman	7 Harnden St.
Mason, Philip E.,	Chemist	12 Parkview Rd.
Mathieson, Angus G.,	Candy Maker	20 Mineral St.
Matson, Eric P.,	Florist	279 Pleasant St.
McLaughlin, James A.,	Electrician	63 Vine St.
Meikle, M. Russell,	Ins. Buyer	141 Grove St.
Michellini, Ralph,	Salesman	51 Walnut St.
Miller, Herbert K.,	Salesman	443 Summer Ave.
Morand, Edouard J.,	Real Estate	259 Ash St.
Morand, Edward N.,	Salesman	386 Summer Ave.
Morrison, James P.,	Retired	35 Bancroft Ave.
Morse, Donald H.,	Salesman	18 Bond St.
Mount, Robert B. Jr.,	Salesman	293 Ash St.
Newell, Harry R.,	At Home	172 Washington St.
Nordberg, Nils L.,	Bank Clerk	753 Main St.
Oldfield, Samuel T.,	Auditor	52 Temple St.
Parsons, Francis B.,	Chem. Engineer	315 Summer Ave.
Perry, James,	Clerk	15 Pratt St.
Perry, Prospier R.,	Motorman	189 Green St.
Pitman, Carl B.,	Banker	23 Oak St.

Name	Occupation	Residence
Poock, Otto F., Asst. Supt.		50 Federal St.
Pratt, Wilfred E., Clerk		330 Summer Ave.
Quimby, Carlyle F., Real Estate		36 Dudley St.
Remick, Nelson A., Merchant		3 Mt. Vernon St.
Richards, Homer F., Salesman		267 Summer Ave.
Richmond, Ernest D. Jr., Insurance		24 Longview Rd.
Riley, Lester S., Manufacturer		92 Prospect St.
Roberts, Carl W., Civil Engineer		16 Deering St.
Rowell, Walter L., Cashier		202 Bancroft Ave.
Rudolph, John L., Insurance		20 Arlington St.
Sargent, Walter G., Structural Engineer		200 Grove St.
Sawyer, Greenfield T., Merchant		23 Howard St.
Schoppelry, Herbert T., Builder		193 Prescott St.
Skidmore, Roy C., R. R. Clerk		69 Hanscom Ave.
Skinner, Arthur E., Broker		56 Prescott St.
Smith, Charles W. H., Retired		155 Wakefield St.
Smith, Ralph E., Traffic Mgr.		18 Auburn St.
Stanwood, Augustus T., Accountant		94 King St.
Stembridge, Stanley R., Merchant		88 King St.
Stewart, Edward B., Salesman		18 School St.
St. Louis, William J., Salesman		158 Woburn St.
Sullivan, Martin V. B., Wool Salesman		93 Summer Ave.
Taber, Wentworth D., Adm. Engineer		1002 Main St.
Tasney, Edward W. Jr., Clerk		66 Mineral St.
Taylor, Robert, Supervisor		8 Willow St.
Torre, Frank J., Merchant		633 Main St.
Turner, A. Roderick, Surveyor		55 Woburn St.
Wakefield, Ernest T., Farmer		65 Wakefield St.
Walsh, John J. Jr., Clerk		20 Sweetser Ave.
Watts, Sherburne J., Architect		7 Fremont St.
White, Walter E., Clerk		33 Belmont St.
Whitehouse, Robert N., Bank Clerk		164 Pearl St.
Whitford, Herbert C., Claim Adjuster		38 Kingston St.
Wilcox, Loring F., Ins. Engineer		67 Hillcrest Rd.
Winchester, Laurence S., Engineer		232 West St.
Woodward, Raymond L., Salesman		211 High St.
Zitzow, Adolph, Truckman		35 Park Ave.

Approved:

J. WARREN KILLAM, JR.

CARL W. GOODRIDGE

NEWELL H. MORTON

Selectmen of Reading.

Reading, Mass.

July 1, 1938

ANNUAL ELECTION

Security Hall, Woburn St., March 7, 1938

Pursuant to the warrant and the Constable's return thereon, a town meeting was held at the time and place therein specified and was called to order by the Town Clerk, Millard F. Charles in the absence of the Moderator, Charles P. Howard. On motion of Leon G. Bent it was voted to instruct the Town Clerk to cast one ballot for Samuel H. Davis as Moderator who was declared duly elected and sworn by the Town Clerk. The warrant was partially read by the Town Clerk when upon motion of Leon G. Bent it was voted to dispense with further reading except the Constable's return thereon, which was duly read by the Town Clerk.

Article 1. To bring in their votes on one ballot for Moderator for one year; Town Clerk, for one year; one member of the Board of Selectmen, for three years; one member of the Board of Public Welfare, for three years; one member of the Board of Assessors for three years; Treasurer, for one year; Collector of Taxes, for one year; one member of the Board of Public Works for three years; two Constables, for one year; Tree Warden, for one year; one member of the Municipal Light Board, for three years; one member of the Board of Health for three years; two members of the School Committee for three years; two Trustees of the Public Library, for three years; two members of the Planning Board, for three years; two members of the Board of Cemetery Trustees, for three years.

Moderator, One Year

Charles P. Howard, 136 Summer Avenue	1933
Blanks	416

Town Clerk, One Year

Millard F. Charles, 86 Bancroft Avenue	1623
Paul F. Mellen, 14 Glen Road	629
Blanks	97

Selectman, Three Years

Newell H. Morton, 198 Woburn Street	1901
Arthur L. Redmond, 127 Green Street	340
Blanks	103

Board of Public Welfare, Three Years

Kittie M. Bangs, 42 Main Street	1518
Donald T. Patrick, 121 Green Street	147
Orville S. Poland, 75 Oak Street	637
Blanks	47

Assessor, Three Years

George E. Horrocks, 287 Haven Street	1599
Henry Q. Millett, 69 Linden Street	619
Blanks	131

Treasurer, One Year

Preston F. Nichols, 68 Linden Street	2036
Blanks	213

Tax Collector, One Year

Roy C. Skidmore, 69 Hanscom Avenue	584
Grace V. Viall, 52 Bancroft Avenue	1672
Blanks	93

Board of Public Works, Three Years

Frank R. Heselton, 27 Highland Street	902
Kenneth C. Prescott, 6 Parkview Road	265
Alexander Williamson, 90 Vine Street	1069
Blanks	112

Tree Warden, One Year

Henry M. Donegan, 21 Federal Street	1869
Richard J. McPartland, 61 Ash Street	349
Elbridge J. Munnis, 18 Prescott Street	22
Blanks	109

Constables, One Year

Leon G. Bent, 767 Main Street	1518
Walter C. Powers, 71 Harrison Street	1025
J. Winthrop Sias, 43 Salem Street	1451
Blanks	704

Municipal Light Board, Three Years

Henry R. Johnson, 15 Woodward Avenue	1936
Harold B. Currell, 22 Woodward Avenue	412
Blanks	1

Board of Health, Three Years

Robert B. Shepardson, 12 Pratt Street	2044
Blanks	305

School Committee, Three Years

Irving C. Austin, 180 Prescott Street	1931
Frank D. Tanner, 124 Oak Street	1940
Blanks	827

Trustees Public Library, Three Years

A. Imrie Dixon, 186 Bancroft Avenue	1876
Isabelle G. Hedges, 124 Prescott Street	1858
Blanks	964

Trustees Cemeteries, Three Years

W. Fletcher Twombly, 14 Berkeley Street	1919
Clarence C. White, 40 Sanborn Street	1969
Blanks	810

Planning Board, Three Years

Sherburne J. Watts, 7 Fremont Street	1870
Philip R. White, 65 Prescott Street	1892
Blanks	936

Voted to adjourn.

MILLARD F. CHARLES, Town Clerk.

ANNUAL TOWN MEETING

Security Hall, Woburn Street, March 14, 1938

The meeting was called to order by the Town Clerk in the absence of the Moderator. On motion of J. Warren Killam, Jr., it was voted to instruct the Town Clerk to cast one ballot for Samuel H. Davis as Moderator who was declared duly elected and sworn by the Town Clerk.

Article 2. To hear and act on the reports of the Board of Selectmen, Town Accountant, Treasurer, Collector of Taxes, Board of Assessors, Board of Public Works, Town Clerk, Tree Warden, Board of Health, Board of Public Welfare, School Committee, Public Library Trustees, Municipal Light Board, Cemetery Trustees, Planning Board, Finance Committee and any other Boards and Special Committees.

Article 2. On motion of J. Warren Killam, Jr., it was voted to lay Article 2 on the table.

Article 3. To choose all other necessary town officers and special committees and determine what instructions shall be given town officers and special committees.

Article 3. On motion of J. Warren Killam, Jr., it was voted that the following be chosen to serve as Measurers of Lumber for the ensuing year: Ora L. Milbury, Burton K. Symonds, William R. Zwicker, Edward A. Brophy; and that the following be chosen to serve as Measurers of Wood and Bark: Percy N. Sweetser, Burton K. Symonds, Thomas F. Brogan.

Article 17. To see what sum the Town will vote to raise by borrowing or otherwise, and appropriate for the purchase of a ladder truck for the Fire Department, or what it will do in relation thereto.

Board of Selectmen.

Article 17. On motion of J. Warren Killam, Jr., it was voted to refer this article on the fire truck to the Annual Town Meeting of 1939.

Article 4. To determine how much money the Town will raise and appropriate for General Government, Protection of Persons and Prop-

erty, Health and Sanitation, Board of Public Works, including Highways, Sidewalks, Drainage, Common Parks and Supervised Play, Water Department and Sewer Department; Charities and Aid, Soldiers' Benefits, Public Schools, Public Library, Cemeteries, Memorial Day Observation, Municipal Light Department, Street Lighting, Maturing Debt, Interest, Insurance and General Accounts.

Article 4. On motion of J. Warren Killam, Jr., it was voted that the sum of \$27,654.00 be raised and appropriated for General Government as follows:

Selectmens' Expenses	\$ 600.00‡
Selectmens' Clerical	1,310.00
Town Accountant's Salary	2,000.00
Treasurer's Salary	1,200.00
Treasurer's Expenses	700.00
Treasurer's Clerical	300.00
Collector's Salary	2,300.00*
Collector's Expenses	1,000.00
Collector's Clerical	500.00
Assessors' Salaries	1,800.00
Assessors' Expenses	2,000.00
Assessors' Clerical	2,444.00
Block System Survey	150.00
Town Counsel's Salary	1,000.00
Town Counsel's Expenses	350.00
Town Clerk's Salary	350.00
Town Clerk's Expenses	650.00
Registrars' Salaries	250.00
Election and Registration Expenses	1,800.00
Planning Board Expense	1,000.00
Miscellaneous Expenses	3,550.00‡
Municipal Building Maintenance	2,400.00
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	\$ 27,654.00

* Fees to Treasurer.

‡ Including travel outside of State.

Article 4. On motion of J. Warren Killam, Jr., it was voted that the sum of \$84,135.00 be raised and appropriated for the Protection of Persons and Property as follows:

Police Department, Salaries	\$ 35,740.00
Police Department, Maintenance	5,275.00
Police Station, Maintenance	1,200.00
Fire Department, Salaries	19,920.00
Fire Department, Call Men	3,672.00
O. O. Ordway, Pension	1,300.00

Fire Department, Maintenance	3,990.00*
Fire Stations, Maintenance	1,100.00
Fire Alarm, Maintenance	1,625.00
Fire Alarm, New Boxes	325.00
Hydrant Rentals	1,600.00
Moth Department	4,500.00
Tree Warden, Maintenance	2,000.00
Inspector of Buildings, Salary	500.00
Inspector of Wires, Salary	200.00
Sealer of Weights and Measures, Salary	500.00
Sealer of Weights and Measures, Expenses	288.00
Game Warden, Salary	100.00
Dog Officer, Salary	300.00

\$ 84,135.00

* Including travel outside of State.

Article 4. On motion of J. Warren Killam, Jr., is was voted that the sum of \$10,015.25 be raised and appropriated for Health and Sanitation as follows:

Board of Health, Salaries	\$ 300.00
Board of Health, Expenses	250.00
Inspector of Plumbing, Salary	565.25
Inspector of Animals, Salary	200.00
Inspector of Milk and Food, Salary	200.00
Care of Contagious Diseases	5,500.00
Garbage Collection	2,500.00
Dental Clinic	500.00

\$ 10,015.25

Article 4. On motion of Edward F. Parker, it was voted that the sum of \$109,500.00 be raised and appropriated for Charities and Aid as follows:

Administrative Expense	\$ 7,500.00
General Aid	45,000.00
Aid to Dependent Children	18,000.00
Old Age Assistance	39,000.00

\$109,500.00

Article 4. On motion of J. Warren Killam, Jr., it was voted that the sum of \$14,000.00 be raised and appropriated for Soldiers' Benefits as follows:

State Aid	\$ 500.00
Military Aid	500.00

Soldiers' Relief	13,000.00
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	\$ 14,000.00

Article 4. On motion of Alexander Lindsay, it was voted that the sum of one hundred forty thousand, six hundred forty (\$140,640.00) dollars be raised and appropriated for the Board of Public Works as follows:

Salaries, Office Supplies and Expenses	\$ 6,335.00
Repairs, construction and maintenance of highways, setting curb, purchase or otherwise acquiring land for sand and gravel purposes, purchase of materials, tools and equipment and any other incidental expenses pertaining thereto	\$ 44,500.00
Removal of Snow and Ice	11,450.00
Sidewalk construction and maintenance	5,020.00
Maintenance of Storm Drains	2,000.00
Park Department and Common maintenance and Supervised Play	3,500.00
Drinking Fountains	100.00
Connecting estates with Common Sewer	1,000.00
Maintenance and operation of water works, payment of water bonds and interest, of which appropriation the sum of \$1,909.23 is to be taken from the unexpended balance on hand in the Water Reserve on January 1, 1938, including travel outside the State	\$ 55,325.00
Maintenance, operation and extension of the sewer system, payment of interest on sewer bonds of which appropriation the sum of \$658.16 is to be taken from the unexpended balance on hand in the Sewer Reserve on January 1, 1938	11,410.00
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	\$140,640.00

Article 4. On motion of Alexander Lindsay, it was voted that the sum of thirteen thousand (\$13,000.00) dollars be raised and appropriated to be expended by the Board of Public Works for the employment of labor for the construction and maintenance of highways, sidewalks, drainage, common, parks, water works and sewers. \$ 13,000.00

Article 4. On motion of Henry R. Johnson, it was voted that there be included in the tax levy, for electricity used for street lights, the sum of fifteen thousand dollars, and that said sum and the income from sales of electricity to private consumers and for electricity supplied to municipal buildings and for municipal power, and from sales of appliances and jobbing during the current fiscal year, be appropriated for the Municipal Lighting Plant, and that the sum of fifteen thousand

dollars be appropriated from the receipts of the department for the sale, installation and servicing of merchandise, equipment, utensils and chattels, as provided in Section 34 of Chapter 164 of the General Laws, said appropriations to be expended by the Manager of Municipal Lighting, under the direction and control of the Municipal Light Board for the expense of the plant, including the sale, installation and servicing of merchandise equipment, utensils and chattels, as defined in Chapter 164 of the General Laws, or any amendments thereof or additions thereto, and that if said sum and said income shall exceed said expense for said fiscal year, twenty-four thousand dollars shall be turned over to the Town Treasurer out of the profits of the Municipal Light Department, and the balance shall be transferred to the Construction Fund of said plant and appropriated and used for such additions thereto as may be authorized by the Municipal Light Board.

Article 4. On motion of Frank D. Tanner, it was voted that the sum of \$234,479.00 be raised and appropriated for the School Department, divided as follows:

General Salaries	\$191,500.00
General Maintenance, including travel outside of state ...	41,379.00
Industrial Tuition	1,600.00
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	\$234,479.00

Article 4. On motion of Louis M. Lyons, it was voted that the sum of \$8,195.00 be raised and appropriated for the Public Library, divided as follows:

Salaries	\$ 5,195.00
Maintenance	3,000.00

Article 4. On motion of Clarence C. White, it was voted that the sum of eight thousand, six hundred fifty (\$8,650.00) dollars be raised and appropriated for cemeteries, seven thousand, six hundred fifty (\$7,650.00) dollars be raised and appropriated for cemeteries, seven thousand, six hundred fifty (\$7,650.00) dollars to be expended for maintenance, care and development of Laurel Hill Cemetery, and one thousand (\$1,000.00) dollars for maintenance, care and development of Forest Glen Cemetery, including travel outside the state.

Article 4. On motion of J. Warren Killam, Jr., it was voted that the sum of \$600.00 be raised and appropriated for Memorial Day Observance, to be expended under the direction of Post No. 62, American Legion.

Article 4. On motion of J. Warren Killam, Jr., it was voted that the sum of \$29,000.00 be raised and appropriated for Maturing Debt, not including Water and Light, and that of this amount \$20,000.00 be raised by the tax levy of 1938 and \$9,000.00 be appropriated from Excess and Deficiency Account.

Article 4. On motion of J. Warren Killam, Jr., it was voted that the sum of \$11,657.06 be raised and appropriated for Insurance from the tax levy of 1938; and that \$375.93 be appropriated from the Sewer Department Account; \$1,112.13 from the Water Department Account; \$221.80 from W. P. A. Account, and \$1,596.79 from Light Department, and that the Town Accountant be and hereby is authorized and instructed to transfer said amounts to Insurance Account.

Article 5. To see if the Town will vote to authorize the Town Treasurer, with the approval of the Selectmen, to borrow money from time to time in anticipation of the revenue of the financial year beginning January 1, 1939, and to issue a note or notes therefor, payable within one year, and to renew any note or notes as may be given for a period of less than one year in accordance with Section 17, Chapter 44, General Laws.

Town Treasurer.

Article 5. On motion of Preston F. Nichols, it was voted that the Town Treasurer, with the approval of the Selectmen, be and he hereby is authorized to borrow money from time to time in anticipation of the financial year beginning January 1, 1939, and to issue a note or notes therefor payable within one (1) year, and to renew any note or notes as may be given for a period of less than one (1) year in accordance with Section 17 of Chapter 44 of the General Laws .

Article 6. To see what sum the Town will raise and appropriate for the purpose of foreclosing in the Land Court pursuant to provisions of Section 65 of Chapter 60 of the General Laws, the right of redemption to any and all real estate taken by the Town for non-payment of taxes, or what it will do in relation thereto.

Town Treasurer.

Article 6. On motion of Preston F. Nichols, it was voted that the sum of five hundred (\$500.00) dollars be raised and appropriated for the purpose of perfecting titles in the Land Court by foreclosure of all rights of redemption to real estate taken by the Town for non-payment of taxes previous to the year 1937, and the Town Treasurer be and he hereby is authorized and empowered to take all necessary proceedings to perfect such titles in the Land Court.

Article 7. To see what sum the Town will raise and appropriate for the Reserve Fund as provided by Section 6, Chapter 40, General Laws, or what it will do in relation thereto.

Town Accountant.

Article 7. On motion of Leon G. Bent, it was voted that the sum of five thousand dollars (\$5,000.00) be appropriated from Overlay Reserve for the Reserve Fund and that the Town Accountant be, and he hereby is authorized and instructed to transfer the above-mentioned sum from the Overlay Reserve.

Article 8. To see what sum the Town will raise and appropriate for the payment of unpaid bills of 1937, or what it will do in relation thereto.

Article 8. On motion of Leon G. Bent, it was voted that the sum of six thousand seven hundred dollars (\$6,700.00) be raised and appropriated for the payment of unpaid bills of 1937.

Town Accountant.

Article 9. To see if the Town will raise and appropriate the sum of six hundred dollars (\$600.00) for the care of graves of any persons who have served in the Army, Navy or Marine Corps of the United States, in time of war or insurrection, and who have been honorably discharged from such service, as provided by Section 22, Chapter 115, General Laws, or what it will do in relation thereto.

Board of Selectmen.

Article 9. On motion of J. Warren Killam, Jr., it was voted that the sum of six hundred dollars (\$600.00) be raised and appropriated for the care of graves of any persons who have served in the Army, Navy or Marine Corps of the United States, in time of war or insurrection, and who have been honorably discharged from such service, as provided by Section 22, Chapter 115, General Laws.

Article 10. To see if the Town will appropriate a sum sufficient to pay the County of Middlesex as required by law on account of assessments levied on the Town for its share of the principal of the Middlesex County Tuberculosis Hospital Funding Loan, Act of 1932 bonds maturing in 1938, issued in compliance with Chapter 10, Acts of 1932, also for any other indebtedness incurred and outstanding under said Chapter 10, also for the town's share of the cost and interest on said bonds due in 1938, also for the care, maintenance, and repair of said Hospital for 1937, and including interest on temporary notes issued therefor in accordance with sections of Chapter 111 of the General Laws applicable therefor, and for all other expenses in connection therewith, including Chapter 400, Section 25 G (6) (a) of the Acts of 1936, determine how the money shall be raised, or in any way act thereon.

Board of Selectmen.

Article 10. On motion of J. Warren Killam, Jr., it was voted that the sum of \$3,000.00, this being the Town's share of the principal of the Middlesex County Tuberculosis Hospital Funding Loan, Acts of 1932, bonds maturing in 1938 be and the same is hereby appropriated, and that a further sum of \$573.75 be and hereby is appropriated on account of interest and other charges on account thereof. That a further sum of \$4,096.77 be and hereby is appropriated for the town's share of the net cost of care, maintenance and repairs of the Middlesex County Hospital, including interest on temporary notes issued therefor, in accordance

with sections of Chapter 111 of the General Laws applicable thereto, including Chapter 400, Section 25G (6) (a) of the Acts of 1936. \$7,670.52

Article 11. To see what action the town will take to meet the assessment of six thousand two hundred and fifty dollars and thirty-seven cents (\$6,250.37) heretofore made on it for the purpose of paying its share of the cost of making alterations and constructing additions in and to the Middlesex County Tuberculosis Hospital under Chapter 417 of the Acts of 1935, as amended by Chapter 205 of the Acts of 1937; to see whether the town will vote to appropriate all or any portion of said assessment and to raise the amount so appropriated in whole or in part in this year's tax levy or to transfer such amount in whole or in part from any available funds; to see whether the town will vote to appropriate all or any portion of said assessment and to borrow the amount so appropriated on bonds or notes of the town; to see whether the town will elect that all or any portion of said assessment shall be funded through the issue of bonds or notes of the County of Middlesex as authorized by said Chapter 417, as amended; in case the town shall elect to fund under said Chapter 417, to see whether the town will elect that the assessments to be hereafter made upon it on account of any such funding loan shall be payable by it over the maximum permitted term of fifteen years or over a lesser period; to see whether the town will vote to direct the Town Clerk to file with the Middlesex County Commissioners promptly, and in any event not later than April 15, 1938, an election to fund all or any portion of the assessment already made upon it as aforesaid; and to take any action in connection with the matters contained in this article.

Board of Selectmen.

Article 11. On motion of J. Warren Killam, Jr., it was voted that the sum of \$6,250.37 be raised and appropriated to meet the assessment made on the town, being its share of the cost of making alterations and constructing additions in and to the Middlesex County Tuberculosis Hospital under Chapter 417 of the Acts of 1935 as amended by Chapter 205 of the Acts of 1937; and that of this sum \$250.37 be raised from the tax levy of 1938 and that the Town Treasurer, with the approval of the Board of Selectmen, be and hereby is authorized to borrow for the above purpose, the sum of \$6,000.00 and to issue therefor, bonds or notes of the Town in accordance with provisions of Chapter 44 of the General Laws and acts amendatory thereof and additions thereto so that the whole of the said loan shall be paid in not more than six years from their date, or such earlier time as the Treasurer and Board of Selectmen may determine, and said bonds or notes shall be signed by the Treasurer and countersigned by the Selectmen.

288 voted "Yes" and 1 "No."

Article 12. To see if the Town will vote to authorize and direct the Board of Assessors to use an amount of available free cash not exceeding seventeen thousand dollars (\$17,000.00) in computing the tax rate of 1938, or what it will do in relation thereto.

Town Accountant.

Article 12. On motion of Leon G. Bent, it was voted that the Board of Assessors be authorized and directed to use an amount of available free cash not exceeding seventeen thousand dollars (\$17,000.00) in computing the tax rate of 1938.

Article 13. To see what sum the Town will raise and appropriate to balance overdraft in School Tuition Account, or what it will do in relation thereto.

Town Accountant.

Article 13. On motion of Leon G. Bent, it was voted that the sum of fifty-two dollars and thirty-five cents (\$52.35) be raised and appropriated to balance overdraft in School Tuition Account.

Article 14. To see what sum the Town will raise and appropriate for the installation of a two-way radio system for the Police Department, or what it will do in relation thereto.

Board of Selectmen.

Article 14. On motion of J. Warren Killam, Jr., it was voted that the sum of two thousand, three hundred (\$2,300.00) dollars be raised and appropriated for the purchase, installation, maintenance and operation of a two-way radio system for the Police Department.

Article 15. To see if the Town will vote to raise and appropriate nine hundred and fifty dollars (\$950.00) for the extension of the Fire Alarm System by the installation of underground conduits and the necessary appurtenances thereto, or what it will do in relation thereto.

Board of Selectmen.

Article 15. On motion of J. Warren Killam, Jr., it was voted that the sum of nine hundred fifty (\$950.00) dollars be raised and appropriated for the extension of the Fire Alarm System by the installation of underground conduits and the necessary equipment appurtenant thereto.

Article 16. To see if the Town will vote to amend the by-laws for the inspection of wires by striking out Section 17 thereof and inserting in place thereof the following:

Section 17. Whoever violates any provision of these by-laws shall in cases not otherwise provided for, forfeit and pay for each offence a fine not exceeding fifty (\$50) dollars to be paid into the Treasury of the Town of Reading.

Board of Selectmen.

Article 16. On motion of J. Warren Killam, Jr., it was voted that Section 17 of the by-laws for the inspection of wires be, and the same is hereby amended by striking out Section 17 thereof and inserting in place thereof the following:

Section 17. Whoever violates any provision of these by-laws shall in cases not otherwise provided for, forfeit and pay for each offense a fine not exceeding fifty (\$50.00) dollars to be paid into the Treasury of the Town of Reading.

Article 18. To see what sum the town will vote to raise by borrowing or otherwise, and appropriate for W. P. A. expense, including Administrative, Truck Hire, Equipment and Materials or what it will do in relation thereto.

Board of Selectmen.

Article 18. On motion of J. Warren Killam, Jr., it was voted that the sum of twenty-five thousand (\$25,000.00) dollars be appropriated for W. P. A. expenses, including Administrative, Truck Hire, Equipment and Materials, and to meet said appropriation the Treasurer, with the approval of the Selectmen be and hereby is authorized to borrow said sum under the provisions of Chapter 49 of the Acts of 1933 as most recently amended by Chapter 57 of the Acts of 1938.

229 voted "Yes" and 2 "No."

Article 19. To see if the Town will vote to authorize the Law Committee to settle the litigation of Frederick S. Chanonhouse against the Town for injuries sustained as a result of an accident which occurred on the sidewalk on the Easterly side of Linden Street, and to see what sum the Town will raise and appropriate therefor, or what it will do in relation thereto.

Law Committee.

Article 19. On motion of J. Warren Killam, Jr., it was voted that the Law Committee be authorized and empowered to settle the litigation of Frederick S. Chanonhouse against the Town for injuries sustained as the result of an accident on the Easterly side of Linden Street, and the sum of five hundred (\$500.00) dollars be raised and appropriated therefor.

Article 20. To see what action the Town will take regarding the installation of additional street lights on the public streets during this year, or what it will do in relation thereto.

Municipal Light Board.

Article 20. On motion of Henry R. Johnson, it was voted that the subject matter of Article 20 be referred to the Municipal Light Board, and that said Board be, and it hereby is authorized to install such additional street lights as in its judgment are required and to make such changes in the size, type and location of existing street lights as it may deem advisable, the expense of same to be paid from the income of the plant.

Article 21. To see what sum the Town will vote to appropriate from the Cemetery Reserve for the permanent development of Laurel Hill Cemetery or what it will do in relation thereto.

Cemetery Trustees.

Article 21. On motion of Clarence C. White, it was voted that the Town appropriate from the Cemetery Reserve Fund receipts from the sale of lots and graves in Laurel Hill Cemetery the sum of two thousand (\$2,000.00) dollars for the maintenance, care, improvement and embellishment of Laurel Hill Cemetery, under the provisions of Section 15 of Chapter 114 of the General Laws.

Article 22. To see what sum the Town will raise and appropriate for the support of the School Cafeterias, or what it will do in relation thereto.

School Committee.

Article 22. On motion of Frank D. Tanner, it was voted that the sum of twelve thousand dollars be raised and appropriated for the maintenance and operation of the cafeterias in the public schools.

Article 28. To see if the Town will vote to establish a Road Machinery Account, to which shall be credited all receipts received for the use or rental of road machinery, the proceeds to be appropriated as voted by the Town for road machinery purposes, or what it will do in relation thereto.

Board of Public Works.

Article 28. On motion of Harold W. Putnam, it was voted to take up Articles 28 and 29 from the table.

On motion of Alexander Lindsay, it was voted that the Town establish a Road Machinery Account to which shall be credited all receipts received for the use or rental of road machinery, the proceeds to be appropriated as voted by the Town for road machinery purposes.

Article 29. To see what sum the Town will raise and appropriate to establish a Road Machinery Fund for the purpose of purchasing, repairing, and operating road machinery, or what it will do in relation thereto.

Board of Public Works.

Article 29. On motion of Alexander Lindsay that the sum of fourteen thousand (\$14,000.00) dollars be raised and appropriated for the purchase, maintenance, repair and operation of road machinery and equipment for the use and under the direction of the Board of Public Works, it was voted to indefinitely postpone this article.

Article 23. To see what sum the Town will raise and appropriate for the purchase of equipment for use by the Board of Public Works, or what it will do in relation thereto.

Board of Public Works.

Article 23. On motion of Alexander Lindsay that the sum of ten thousand (\$10,000.00) dollars be raised and appropriated for the purchase of equipment for use by the Board of Public Works, the same was not voted.

Article 24. To see what sum the Town will raise and appropriate for the further development of Storm Water Drainage or what it will do in relation thereto.

Board of Public Works.

Article 24. On motion of Alexander Lindsay, it was voted that the sum of six thousand four hundred (\$6,400.00) dollars be raised and appropriated for the further development of Storm Water Drainage.

Article 25. To see what sum the Town will raise and appropriate for the maintenance of the Town Dump on John Street, or what it will do in relation thereto.

Board of Public Works.

Article 25. On motion of Alexander Lindsay, it was voted that the sum of one thousand two hundred (\$1,200.00) dollars be raised and appropriated for the care and maintenance of the Town Dump on John Street.

Article 26. To see what sum the Town will raise and appropriate for the purpose of improving and constructing Woburn Street, from the end of the 1937 construction on Woburn Street, toward Reading Square under Section 34, Chapter 90 of the General Laws, together with such sums as may be provided by the State and County, or what it will do in relation thereto.

Board of Public Works.

Article 26. On motion of Alexander Lindsay, it was voted that the sum of four thousand five hundred (\$4,500.00) dollars be raised and appropriated for the purpose of improving and constructing Woburn Street from the end of the 1937 construction on Woburn Street, thence easterly on Woburn Street toward Reading Square, together with such sums as may be allotted by the State and County, under Section 34 of Chapter 90 of the General Laws.

Article 27. To see what sum the Town will raise and appropriate for the purpose of improving and constructing Lowell Street from the end of the 1937 construction on Lowell Street toward Reading Square, under Section 34, Chapter 90 of the General Laws, together with such sums as may be provided by the State and County, or what it will do in relation thereto.

Board of Public Works.

Article 27. On motion of Alexander Lindsay, it was voted that the sum of four thousand five hundred dollars (\$4,500.00) be raised and appropriated for the purpose of improving and constructing Lowell Street from the end of the 1937 construction on Lowell Street thence easterly toward Reading Square, together with such sums as may be allotted by the State and County, under Section 34 of Chapter 90 of the General Laws.

Article 30. To see if the Town will vote to accept the report of the Board of Public Works upon the laying out as a public highway of a private way known as Granger Avenue, under the provision of law authorizing the assessment of betterments, such highway being laid out in accordance with plan duly approved by the Board of Survey and filed in the office of the Town Clerk, in accordance with the statutory requirements, and to see if the Town will accept the public way laid out by the Board of Public Works as Granger Avenue and to raise and appropriate for the said laying out and the construction of said way the sum of seven hundred ninety eight and 40/100 dollars (\$798.40), or what it will do in relation thereto.

Board of Public Works.

Article 30.

Commonwealth of Massachusetts

Middlesex ss.

Town of Reading

Report of the Board of Public Works on the laying out of Granger Avenue.

The Board of Public Works of the Town of Reading having determined and adjudged that common convenience and necessity require the laying out of a town way under the provisions of law authorizing the assessment of betterments, substantially in the location hereinafter described, having complied with all requirements of law relating to notice to the owners of land thereof and of a hearing thereon, and having met at the time and place appointed for such hearing and then and there heard all persons present who desired to be heard, have laid out as a town way for the use of the town running Westerly from a town way now known as Haverhill Street, substantially as and in the location of the private way known as Granger Avenue, the boundaries and measurements of said way as so laid out are as follows:

The Southerly line of said Granger Avenue commences at a point on the Westerly side line of said Haverhill Street, on a curve of said westerly line of 1252.53 feet radius, and 5.00 feet Southerly, measured along the arc of said curve, from the Northerly terminus thereof, which last-described point is marked with a Stone bound, as shown on the County Commissioners' plan of Haverhill Street dated 1933.

From thence the said Southerly line runs Northwesterly with a curve to the left, on a radius of 20.35 feet, a length of 32.61 feet to a point of tangent:

Thence S. 68 degrees—43'—20" W., a distance of 149.91 feet to a point of curve:

Thence by a curve to the right on a radius of 1563.00 feet, a length of 149.89 feet to a point of tangent:

Thence S. 74 degrees—13'—00" W., a distance of 150.00 feet to the terminus of said Southerly line:

Thence turning at a right angle and running N. 15 degrees—47'—00" W., a distance of 40.00 feet to the Northerly line of said Granger Avenue:

Thence N. 74 degrees—13'—00" E., a distance of 150.00 feet to a point of curve:

Thence by a curve to the left on a radius of 1523.00 feet, a length of 146.05 feet to a point of tangent:

Thence N. 68 degrees—43'—20" E., a distance of 153.04 feet to a point of curve:

Thence by a curve to the left on a radius of 20.00 feet, a length of 30.70 feet to the said westerly line of Haverhill Street:

Thence S. 19 degrees—14'—00" E., by the Westerly side line of Haverhill Street; a distance of 75.33 feet to the Stone Bound aforesaid:

Thence Southerly along the arc of the curve of 1252.53 feet radius as aforesaid, a length of 5.00 feet to the point of beginning.

The lines of said Granger Avenue as so laid out are by lands of Granger H. Carroll throughout their courses.

The above-described lines being more fully shown on a plan entitled "Granger Avenue, Reading, Mass." dated, February, 1938, Board of Public Works, Philip Welch, Superintendent, said plan being a part of this description.

We determine that no damages will be sustained by any person or persons in their property by reason of the taking to be made for this improvement. All acts in connection with said laying out are done under the assessment of betterments, and betterments are to be assessed therefor.

This laying out so made by us we hereby report to the Town for acceptance and recommend that said way shall thereafter be known as a public town way and named Granger Avenue, and that the sum of seven hundred ninety-eight and forty-one hundredths (\$798.40) dollars be raised and appropriated for said laying out and for the construction of said way.

CLINTON L. BANCROFT
HAROLD W. PUTNAM
EDWARD A. BROPHY

Members of the Board of Public Works,
Town of Reading.

On motion of Alexander Lindsay, it was voted that the Town accept the report of the Board of Public Works on the laying out as a public way of a private way known as Granger Avenue, and adopt the recommendations contained therein, and that the sum of seven hundred

ninety-eight and 40/100 dollars (\$798.40) be raised and appropriated for the laying out and construction of the said way.

Article 31. To see what sum the Town will raise and appropriate for the purpose of improving and constructing High Street from Woburn Street toward Washington Street, or what it will do in relation thereto.

Board of Public Works.

Article 31. On motion of Alexander Lindsay, it was voted that the sum of one thousand five hundred (\$1,500.00) dollars be raised and appropriated for the purpose of improving and constructing High Street from Woburn Street toward Washington Street.

Article 32. To see if the Town will vote to authorize the Board of Public Works to collect, remove, and dispose of ashes and rubbish within the Town under such rules and regulations as the Board of Public Works may from time to time establish and to see what sum the Town will raise and appropriate for such purpose, or what it will do in relation thereto.

Board of Public Works.

Article 32. On motion of Alexander Lindsay, it was voted that this article relating to the collection of ashes, rubbish, etc., be indefinitely postponed.

Article 33. To see if the Town will vote to accept the provisions of Chapter 280 of the Acts of 1937, being an Act Authorizing the Town of Reading to establish regulations requiring owners to connect with the common sewer therein, or what it will do in relation thereto.

Board of Public Works.

Article 33. On motion of Harold W. Putnam, it was voted by a vote of Yes—136, No—95, that the Town accept the provisions of Chapter 280 of the Acts of 1937, being an Act Authorizing the Town of Reading to establish regulations requiring owners to connect with the common sewer therein.

Article 29. On motion of James W. Fairchild that the subject matter of Article 29 relative to the Town establishing a Road Machinery Fund for the purpose of purchasing, repairing and operating road machinery, the same was not voted.

Article 34. To see what sum the Town will raise and appropriate to reimburse Patrolman Oscar H. Low for medical attendance and care occasioned by injuries received in line of duty on December 22, 1937, or what it will do in relation thereto.

Chief J. Cullinane.

Article 34. On motion of J. Warren Killam, Jr., it was voted that the sum of three hundred thirty-eight and 15/100 (\$338.15) dollars be raised and appropriated to reimburse Patrolman Oscar H. Low for medical attendance, care and expenses occasioned by injuries received in line of duty on December 22, 1937.

Article 35. To see what sum the Town will raise and appropriate for further development of the Town Forest or what it will do in relation thereto.

Committee on Re-forestation.

Article 35. On motion of J. Warren Killam, Jr., it was voted that the sum of three hundred (\$300.00) dollars be raised and appropriated for the further development of the Town Forest.

Article 36. To see if the Town will raise and appropriate the sum of four hundred dollars (\$400.00) for Child Welfare Work, to be expended under the direction of the Reading Visiting Nurse Association, and the Board of Health, or what it will do in relation thereto.

Inez H. Damon and others.

Article 36. On motion of Leon G. Bent, it was voted that the sum of four hundred (\$400.00) dollars be raised and appropriated for Child Welfare Work, to be expended under the direction of the Reading Visiting Nurse Association and the Board of Health.

Article 37. To see if the Town will authorize and instruct the Board of Selectmen to renew the present lease for suitable headquarters for Reading Post No. 62 of the American Legion, for a further term of one year, and will raise and appropriate therefor the sum of one thousand dollars (\$1,000.00) or what it will do in relation thereto.

John M. Widell and others.

Article 37. On motion of John M. Widell, it was voted that the Board of Selectmen be and are hereby authorized, empowered and directed to renew or extend the present lease for providing suitable quarters for Reading Post No. 62 of the American Legion for a further term of one (1) year, and to sign, and execute said renewal or extension thereof in the name and behalf of the Town of Reading, and the sum of one thousand (\$1,000.00) dollars be and hereby is raised and appropriated for rent of said premises.

Article 38. To see if the Town will vote to accept the report of the Board of Public Works on relocating, or altering a portion of the easterly location line of West Street, from a point approximately 260.0 ft. north of the Northerly location line of Woburn Street to a point approximately 398.0 ft. north of the Northerly location line of Woburn Street, said location line being relocated or altered in accordance with plan duly approved by the Board of Public Works and filed in the office of the Town Clerk in accordance with the statutory requirements, and to see if the Town will accept the relocation or alteration of the said location line as shown on said plan, or what it will do in relation thereto.

Board of Public Works.

Commonwealth of Massachusetts

Middlesex ss.

Town of Reading

Report of the Board of Public Works on the Relocation or Alteration of the Easterly line of West Street.

The Board of Public Works of the Town of Reading having determined and adjudged that common convenience require that the public highway be laid out, relocated or altered as and in the location hereinafter described, having complied with all requirements of law relating to notice to owners of land thereof and of a hearing thereon, and having met at the time and place appointed for such hearing and then and there heard all persons present who desired to be heard, have laid out, relocated or altered as a public highway for the use of the Town, a portion of the Easterly side line of West Street. The boundaries and measurements of said public highway as so laid out, relocated or altered are as follows:

Beginning at a stone bound at an anglepoint on said Easterly side of West Street, which point is N. 3 degrees—46' W., a distance of 14.70 feet from the Southwesterly corner of Lot 5 as shown on plan recorded in Middlesex South District Registry of Deeds, in Book of Plans 406, Plan 17;

Thence running N. 7 degrees—00'—00" W., through lands of Harriet M. Stewart, Helen C. Harris, and Edward I. O'Dowd and Agnes E. O'Dowd, a distance of 138.12 feet to a drill hole;

Thence turning and running S. 4 degrees—55'—30" E., by the former Easterly side line of said West Street, a distance of 137.93 feet to a point;

Thence turning and running S. 86 degrees—14'—00" W., still by said former Easterly side line of said West Street, a distance of 5.00 feet to the Stone Bound marking the point of beginning.

The above-described lines being more fully shown on a plan entitled "Alteration and Relocation of the Easterly line of West Street, Reading, Mass." dated, February, 1938, Board of Public Works, Philip Welch, Superintendent, said plan being a part of this description.

We determine that no damages will be sustained by any person or persons in their property by reason of the taking to be made for this improvement.

No betterments are to be assessed for this improvement.

This laying out, relocation or alteration so made by us we hereby report to the Town for acceptance and recommend that when this report is accepted and adopted by the Town that said public highway shall be laid out, relocated or altered in accordance with said plan.

CLINTON L. BANCROFT

HAROLD W. PUTNAM

EDWARD A. BROPHY

Members of the Board of Public Works,
Town of Reading..

On motion of Wendell P. Davis, it was voted that the Town accept the report of the Board of Public Works on the relocating and altering of a portion of the Easterly location line of West Street and adopt the recommendations contained therein.

Article 2. On motion of J. Warren Killam, Jr., it was voted to take Article 2 from the table.

On motion of J. Warren Killam, Jr., it was voted to accept the various reports of Town Officers as printed in the Town Report for the year of 1937.

On motion of J. Warren Killam, Jr., it was voted to adjourn sine die.

Attest:

MILLARD F. CHARLES, Town Clerk.

SPECIAL TOWN MEETING

Security Hall, Woburn St., May 23, 1938

Pursuant to a warrant duly issued and at the time and place called for therein a town meeting was held and called to order by the Moderator, Charles P. Howard. The warrant was partially read by Town Clerk, Millard F. Charles when on motion of J. Warren Killam, Jr., it was voted to dispense with further reading except the Constable's Return which was duly read.

Article 1. To hear and act on the reports of the Board of Selectmen, Town Accountant, Treasurer, Collector of Taxes, Board of Assessors, Board of Public Works, Town Clerk, Tree Warden, Board of Health, Board of Public Welfare, School Committee, Public Library Trustees, Municipal Light Board, Cemetery Trustees, Planning Board, Finance Committee, and any other Boards and Special Committees.

Article 1. On motion of J. Warren Killam, Jr., it was voted to lay this article on the table.

Article 2. To choose all other necessary town officers and special committees and determine what instructions shall be given town officers and special committees.

Article 2. On motion of Leon G. Bent, it was voted that a special committee of five members be appointed by the Moderator to arrange a program for the suitable recognition of the 300th anniversary of the settlement of the town, to report at the next special or annual meeting of the town, including in such report the estimated cost thereof.

Article 2. On motion of J. Warren Killam, Jr., it was voted to lay Article 2 on the table.

Article 3. To see what sum the Town will vote to appropriate from available funds for the installation of a two-way radio system for the Police Department, such amount to be added to and expended in ac-

cordance with the appropriation previously voted at the annual town meeting held March 14, 1938, or what it will do in relation thereto.

Board of Selectmen.

Article 3. On motion of J. Warren Killam, Jr., it was voted that the sum of seven hundred (\$700.00) dollars be appropriated from the Excess and Deficiency Account in the Treasury, for the installation of a two-way radio system for the Police Department, such amount to be added to and expended in accordance with the appropriation previously voted at the annual town meeting of March 14, 1938, and that the Town Accountant be and he hereby is authorized and instructed to transfer said sum to said account.

Article 4. To see if the Town will vote to extend the terms laborers, workmen and mechanics as used in Sections 68 to 75 inclusive of Chapter 152 of the General Laws, being the Workmen's Compensation Act, so as to include all of the employees of the Town regardless of their duties or the nature of their work, with the exception of the members of the Police and Fire Departments, or what it do in relation thereto.

Insurance Committee.

Article 4. On motion of J. Warren Killam, Jr., is was voted that the terms laborers, workmen and mechanics as used in Sections 68 to 75 inclusive of Chapter 152 of the General Laws, being the Workmen's Compensation Act, be and the same is hereby extended so as to include all of the employees of the Town regardless of their duties or the nature of their work, with the exception of the members of the Police and Fire Departments.

Article 6. To see if the Town will vote to accept the report of the Board of Public Works upon the laying out as a public way of a private way known as Lawrence Road, under provision authorizing the assessment of betterments, such way being laid out in accordance with a plan duly approved by the Board of Survey and filed in the office of the Town Clerk, in accordance with the statutory requirements, and to see if the Town will accept the public way laid out by the Board of Public Works as Lawrence Road, and to see if the Town will vote to appropriate from available funds for the said laying out and the construction of said way the sum of one thousand nine hundred eighty-five and no one-hundredths (\$1,985.00) dollars, or what it will do in relation thereto.

Board of Public Works.

Article 6. On motion of Alexander Lindsay, it was voted to take this article up.

Commonwealth of Massachusetts

Middlesex ss.

Town of Reading

Report of the Board of Public Works on the Laying Out of Lawrence Road.

The Board of Public Works of the Town of Reading having determined and adjudged that common convenience and necessity require the laying out of a town way under the provisions of law authorizing the assessment of betterments, substantially in the location hereinafter described, having complied with all requirements of law relating to notice to owners of the land thereof and of a hearing thereon, and having met at the time and place appointed for such hearing and then and there heard all persons present who desired to be heard, have laid out as a town way for the use of the town, running Easterly and Southerly from a State Highway now known as Main Street, to a public town way now known as Hampshire Road, substantially as and in the location of the private way now known as Lawrence Road, the boundaries and measurements of said way as so laid out are as follows:

The Southerly or right side line of said Lawrence Road commences at a point on the Easterly side line of said Main Street, said point being measured in a Northerly direction along the Easterly curved side line of Main Street having a radius of 1240.00 feet, a length of 193.10 feet from the point of curvature on the Easterly side of Main Street Station 124 plus 15.58, as defined by the alteration and layout as a State Highway by the Department of Public Works, March 5, 1929:

From thence the said Southerly or right side line runs by a curve in a northeasterly direction, having a radius of 20.00 feet, a length of 32.40 feet by land of Paul L. Garrett and Elizabeth L. Garrett to a point of tangent:

Thence South 83 degrees—19'—02" E., by lands of the said Paul L. Garrett et ux., Anne C. Donahue and Stephen C. Plumer, a distance of 147.17 feet to a point of curve:

Thence with a curve to the right with a radius of 560.00 feet, by other lands of said Plumer, a length of 136.89 feet to a point of tangent:

Thence S. 69 degrees—18'—40" E., by still other lands of said Plumer, and lands of Walter C. Hills, a distance of 211.79 feet to a point of curve:

With a curve to the right with a radius of 63.78 feet, still by lands of said Hills a length of 84.81 feet to a point of tangent:

Thence S. 6 degrees—52'—50" W., still by lands of said Hills, other land of said Plumer, and lands of Loring G. Williams and Robert H. Whitcher, a distance of 408.60 feet to a point of curve:

Thence with a curve to the right with a radius of 45.89 feet still by

lands of said Whitcher, a length of 107.78 feet to a point of compound curvature, said point being Station 11 plus 96.86 Lawrence Road and Station 6 plus 36.03 Hampshire Road:

Thence S. 51 degrees—33'—50" W., by the Easterly extremity of said Hampshire Road as approved April 29, 1927, a distance of 40.0 feet to a point of curve situate on the Northerly or left side line of Lawrence Road as herein laid out:

Thence the said Northerly or left side of said Lawrence Road runs by a curve in an Easterly and Northerly direction with a radius of 85.85 feet, by lands of unknown owners, a length of 201.80 feet, to a point of tangent:

Thence N. 6 degrees—52'—50" E., by lands of Spring Realty Company of Reading, Estate of Herbert P. Boynton, Loring G. Williams, Helen M. Alfrey, and other lands of said Spring Realty Company, a distance of 408.60 feet to a point of curve:

Thence with a curve to the left with a radius of 103.78 feet, by still other lands of said Spring Realty Company, a length of 138.00 feet to a point of tangent:

Thence N. 69 degrees—18'—40" W., by lands of Annie L. Gibbons, Walter C. Hills, other lands of said Stephen C. Plumer, and lands of William E. Burpee, a distance of 211.79 feet to a point of curve:

Thence with a curve to the left, with a radius of 600.00 feet, still by lands of said Burpee and lands of Donald P. Gray and Elinore J. M. Gray, and Everett L. Frost, a length of 146.67 feet to a point of tangent:

Thence N. 83 degrees—19'—02" W., by lands of Annie D. Carter and Mary E. Carter and other lands of said Spring Realty Company a distance of 148.49 feet to a point of curve:

Thence with a curve to the right, with a radius of 20.00 feet, by said other lands of said Spring Realty Company, a length of 31.74 feet to a point on the Easterly side line of said Main Street, on the curve of 1240.00 foot radius previously described herein:

Thence in a Southerly direction by said curved line of 1240.00 foot radius defining the Easterly side line of said Main Street, a length of 81.34 feet to the point of beginning.

The above-described lines being more fully shown on a plan entitled "Lawrence Road, Reading, Mass., dated May, 1938, Board of Public Works, Philip Welch, Supt.," said plan being a part of this description.

We determine that no damages will be sustained by any person or persons in their property by reason of the taking to be made for this improvement. All acts in connection with said laying out are done under the provision of law authorizing the assessment of betterments, and betterments are to be assessed therefor.

This laying out so made by us we hereby report to the town for acceptance and recommend that said way shall thereafter be known as a public town way and named Lawrence Road, and that the sum of one thousand nine hundred and eighty-five (\$1,985.00) dollars be raised and appropriated for said laying out and for the construction of said way.

ALEXANDER LINDSAY

HAROLD W. PUTNAM

EDWARD A. BROPHY

WENDELL P. DAVIS

ALEXANDER WILLIAMSON

Members of the Board of Public Works,
Town of Reading.

On motion of Alexander Lindsay, it was voted that the Town adopt the report of the Board of Public Works on the laying out as a public way of a private way known as Lawrence Road, and adopt the recommendations contained therein, and that the sum of nineteen hundred and eighty-five (\$1,985.00) dollars be appropriated from the Excess and Deficiency Account in the Treasury, and transferred to the Lawrence Road Betterment Account, and that the Town Accountant be, and he hereby is authorized and instructed to transfer the said sum to the said account.

On motion of Alexander Lindsay, it was voted to take up successively Articles 7, 8, 9 and 10.

Article 7. To see if the Town will vote to accept the report of the Board of Public Works upon the laying out as a public way of a private way known as Waverly Road, under provision authorizing the assessment of betterments, such way being laid out in accordance with a plan duly approved by the Board of Survey and filed in the office of the Town Clerk, in accordance with the statutory requirements, and to see if the Town will accept the public way laid out by the Board of Public Works as Waverly Road, and to see if the Town will vote to appropriate from available funds for the said laying out and the construction of said way the sum of nine hundred sixty-eight and twenty-nine one-hundredths (\$968.29) dollars, or what it will do in relation thereto.

Board of Public Works.

Article 7.

Commonwealth of Massachusetts

Middlesex ss.

Town of Reading

Report of the Board of Public Works on the Laying Out of Waverly Road.

The Board of Public Works having determined and adjudged that common convenience and necessity require the laying out of a town

way under the provisions of law authorizing the assessment of betterments, substantially in the location hereinafter described, having complied with all requirements of law relating to notice to owners of land thereof, and of a hearing thereon, and having met at the time and place appointed for such hearing, and then and there heard all persons present who desired to be heard, have laid out as a town way for the use of the town, running Northerly and Easterly from a town way known as Hillside Road, substantially as and in the location of the private way known as Waverly Road, the boundaries and measurements of said way as so laid out are as follows:

Beginning at a point on the Northerly side line of said Hillside Road marking the intersection of the said Northerly side line of Hillside Road and the Westerly side line of Waverly Road, said point being N. 34 degrees—31'—50" W., a distance of 46.19 feet from the intersection of the Southerly side line of Hillside Road, and the Westerly side line of Waverly Road as approved, February 12, 1937;

Thence N. 85 degrees—28'—10" E., along the Northerly side line of said Hillside Road, a distance of 46.19 feet to a point;

Thence N. 34 degrees—31'—50" W., by lands of John D. Landers, and a private way known as Wellington Road, a distance of 385.42 feet to an angle point;

Thence N. 58 degrees—34'—40" W., by other lands of said Landers, a distance of 347.25 feet, to a point in a stone wall marking the division line between lands of the Town of Reading and said Landers;

Thence S. 4 degrees—10'—00" W., by said stone wall, a distance of 9.51 feet to a drill hole in said wall;

Thence S. 30 degrees—50'—10" W., still by said wall, a distance of 31.50 feet to a point at land of said Landers;

Thence S. 58 degrees—34'—40" E., by other lands of said Landers, Glendale (Private) Road, other lands of said Landers and Grand View (Private) Road, a distance of 334.14 feet, to an angle point;

Thence S. 34 degrees—31'—50" E., by said Grand View (Private) Road, other lands of said Landers, and land of Angelina Donato, a distance of 353.81 feet, to the point of beginning;

The Southerly extremity of an unnumbered lot having a frontage of 144.93 feet on Waverly Road is hereby rounded with a radius of 10.00 feet and a length of 26.18 feet, the northwesterly extremity of the said lot is hereby rounded with a radius of 20.00 feet and a length of 43.38 feet;

The Northwesterly intersection of Glendale (Private) Road and Waverly Road is hereby rounded with a radius of 20.00 feet and a length of 31.21 feet;

The Southwesterly intersection of Glendale (Private) Road and Waverly Road is hereby rounded with a radius of 20.00 feet and a length of 31.62 feet;

The Northwesterly intersection of Grand View (Private) Road and Waverly Road is hereby rounded with a radius of 20.00 feet and a length of 18.87 feet;

The Southwesterly corner of Grand View (Private) Road and Waverly Road is hereby rounded with a radius of 20.00 feet and a length of 52.36 feet;

The corners herein are more particularly shown on a plan hereinafter mentioned:

The above-described lines being more fully shown on a plan entitled, "Waverly Road, Reading, Mass." dated, May, 1938, Board of Public Works, Philip Welch, Supt., said plan being a part of this description.

We determine that no damages will be sustained by any person or persons in their property by reason of the taking to be made for this improvement. All acts in connection with said laying out are done under provisions of law authorizing the assessment of betterments and betterments are to be assessed therefor.

This laying out so made by us we hereby report to the town for acceptance and recommend that said way shall thereafter be known as a public town way and named Waverly Road, and that the sum of nine hundred sixty-eight and 29/100 (\$968.29) dollars be raised and appropriated for said laying out and for the construction of said way.

ALEXANDER LINDSAY
HAROLD W. PUTNAM
EDWARD A. BROPHY
WENDELL P. DAVIS
ALEXANDER WILLIAMSON

Members of the Board of Public Works,
Town of Reading.

On motion of Alexander Lindsay, it was voted that the Town accept the report of the Board of Public Works on the laying out as a public way of a private way known as Waverly Road, and adopt the recommendations contained therein, and that the sum of nine hundred sixty-eight dollars and twenty-nine cents (\$968.29) be appropriated as follows: Two hundred and forty dollars (\$240.00) from the Excess and Deficiency Account in the Treasury; Five hundred and ninety-three dollars and fifty-five cents (\$593.55) from the unexpended balance of the Hartshorn Street Betterment Account; and one hundred thirty-four dollars seventy-four cents (\$134.74) from the unexpended balance of the Colburn Road Betterment Account, and that the Town Accountant be, and he hereby is, authorized and instructed to transfer the said sums to the said account.

Article 8. To see if the Town will vote to accept the report of the Board of Public Works upon the laying out as a public way of a private

way known as Fairmount Road, under provision authorizing the assessment of betterments, such way being laid out in accordance with a plan duly approved by the Board of Survey and filed in the office of the Town Clerk, in accordance with the statutory requirements, and to see if the Town will accept the public way laid out by the Board of Public Works as Fairmount Road, and to see if the Town will vote to appropriate from available funds for the said laying out and the construction of said way the sum of seventy-five and no one-hundredths (\$75.00) dollars, or what it will do in relation thereto.

Board of Public Works.

Article 8.

Commonwealth of Massachusetts

Middlesex ss.

Town of Reading

Report of the Board of Public Works on the laying out of Fairmount Road.

The Board of Public Works having determined and adjudged that common convenience and necessity require the laying out of a town way under the provisions of law authorizing the assessment of betterments, substantially in the location hereinafter described, having complied with all requirements of law relating to notice to the owners of land thereof and of a hearing thereon, and having met at the time and place appointed for such hearing and then and there heard all persons present who desired to be heard, have laid out as a town way, for the use of the town running Northerly from Hopkins Street to North (Private) Street, substantially as and in the location of the private way known as Fairmount Road, the boundaries and measurements of said way as so laid out are as follows:

The Westerly line of this layout commences at a point on the Northerly side line of said Hopkins Street, said point being S. 77 degrees—45'—50" E., a distance of 171.89 feet from a drill hole in the stone wall at the Southeasterly corner of land of William D. Williams;

From thence the said Westerly line runs Northeasterly by a curve of 26.23 feet radius, by land of Viola C. Essman, a length of 44.67 feet to a point of compound curvature;

Thence Northwesterly by a curve to the left on a radius of 85.00 feet, still by land of said Viola C. Essman, a length of 69.72 feet to a point of reverse curve;

Thence more Northerly by a curve to the right on a radius of 230.00 feet, still by land of said Viola C. Essman and lands of Ellis H. Gorton, Albert D. Fanning and Hazel P. Fanning, a length of 188.67 feet to a point of tangent;

Thence N. 4 degrees—39' E., by land of Frank C. Dodge, a distance

of 240.00 feet to a point on the Southerly side line of said North (private) Street;

Thence S. 85 degrees—32' E., along the said Southerly line of North (private) Street, a distance of 59.94 feet to the Easterly side line of said Fairmount Road;

Thence the Easterly side line runs Southwesterly by a curve of 20.00 feet radius, by other lands of said Frank C. Dodge, a length of 31.35 feet to a point of tangent;

Thence S. 4 degrees—39' W., by lands of said Frank C. Dodge, lands of Alfred N. Briggs and Mabelle M. Long, a distance of 220.19 feet to a point of curve;

Thence Southeasterly by a curve to the left on a radius of 190.00 feet, still by land of said Mabelle M. Long and other land of said Frank C. Dodge, a length of 155.86 feet to a point of reverse curve;

Thence more Southerly by a curve to the right on a radius of 125.00 feet, by land of said Dodge and land of Julia M. Essman, a length of 102.54 feet to a point of reverse curve;

Thence Southeasterly by a curve to the left on a radius of 47.57 feet, still by land of said Julia M. Essman, a length of 66.21 feet to a point of tangent on the said Northerly side line of said Hopkins Street:

Thence N. 74 degrees—31'—40" W., along the Northerly side line of said Hopkins Street, a distance of 110.77 feet to the point of beginning.*

The above described lines being more fully shown on a plan entitled, "Fairmount Road, Reading, Mass." Board of Public Works, Philip Welch, Superintendent, made under date of November, 1937, said plan being a part of this description.

We determine that no damage will be sustained by any person or persons in their property by reason of the taking to be made for this improvement. All acts in connection with said laying out are done under the provision of law authorizing the assessment of betterments.

This laying out so made by us we hereby report to the Town for acceptance and recommend that said way shall thereafter be known as a public town way, and named Fairmount Road, and that the sum of seventy-five dollars (\$75.00) be appropriated from the Excess and Deficiency Account and transferred to the Fairmount Road Betterment Account and that the Town Accountant be, and he hereby is, authorized and instructed to transfer the said sum to the said account.

ALEXANDER LINDSAY

HAROLD W. PUTNAM

WENDELL P. DAVIS

ALEXANDER WILLIAMSON

Members of the Board of Public Works,
Town of Reading.

On motion of Harold W. Putnam, it was voted that the Town accept the report of the Board of Public Works on the laying out as a public way of a private way known as Fairmount Road, and adopt the recommendations contained therein, and that the sum of seventy-five dollars (\$75.00) be appropriated from the Excess and Deficiency Account in the Treasury, and transferred to the Fairmount Road Betterment Account, and that the Town Accountant be and he hereby is, authorized and instructed to transfer the said sum to the said account.

Article 9. To see if the Town will vote to accept the report of the Board of Public Works on relocating or altering a portion of the location lines of Mineral Street and Vine Street at their terminus at the Northwesterly corner of Mineral Street and Vine Street, said location lines being relocated or altered in accordance with plan duly approved by the Board of Public Works and filed in the office of the Town Clerk in accordance with the statutory requirements, and to see if the Town will accept the relocation or alteration of the said location lines as shown on said plan, or what it will do in relation thereto.

Board of Public Works.

Article 9.

Commonwealth of Massachusetts

Middlesex ss.

Town of Reading

Report of the Board of Public Works on the Relocation or Alteration of the Northwest Corner of Vine Street and Mineral Street.

The Board of Public Works of the Town of Reading, having determined and adjudged that common convenience and necessity require that the public highways be laid out, relocated or altered as and in the location hereinafter described, having complied with all requirements of law relating to notice to owners of land thereof, and of a hearing thereon, and having met at the time and place appointed for such hearing and then and there heard all persons present who desired to be heard, have laid out, relocated or altered as public highways for the use of the Town, the Northwest corner of Vine Street and Mineral Street. The boundaries and measurements of said public highways as so laid out, relocated or altered are as follows:

Beginning at a point on the Westerly side line of Vine Street, said point being S. 23 degrees—54'—00" E., a distance of 171.22 feet from a stone bound set at an angle point in said Westerly side line of said Vine Street;

From thence the area to be taken runs Southwesterly by a curved line on a radius of 20.00 feet a length 34.61 feet through land of Chester W. Pierce and Georgie E. Pierce to point of tangent on the Northerly side of said Mineral Street;

Thence N. 23 degrees—54'—00" W., along the present Westerly side

line of said Vine Street, a tangent distance of 23.48 feet to the point of beginning.

The approximate area taken is one hundred twenty-three and five-tenths square feet (123.5).

The above described lines being more fully shown on a plan entitled "Alteration of the Northeast Corner of Vine and Mineral Streets, Reading, Mass., dated April, 1938, Board of Public Works, Philip Welch, Superintendent, said plan being a part of this description.

We determine that no damages will be sustained by any person or persons in their property by reason of the taking to be made for this improvement.

No betterments are to be assessed for this improvement.

This laying out, relocation or alteration so made by us, we hereby report to the Town for acceptance and recommend that when this report is accepted and adopted by the Town, that said public highways shall thereafter be laid out, relocated or altered in accordance with said plan.

ALEXANDER LINDSAY
HAROLD W. PUTNAM
EDWARD A. BROPHY
WENDELL P. DAVIS
ALEXANDER WILLIAMSON

Members of the Board of Public Works,
Town of Reading.

On motion of Alexander Williamson, it was voted that the town accept the report of the Board of Public Works on the relocating or altering of a portion of the location lines of Mineral Street and Vine Street at their terminus at the Northwesterly corner of Mineral Street and Vine Street and adopt the recommendations contained therein.

Article 10. To see if the Town will vote to accept the report of the Board of Public Works on relocating or altering a portion of the location lines of Mineral Street and Vine Street at their terminus at the Northeasterly corner of Mineral Street and Vine Street, said location lines being relocated or altered in accordance with plan duly approved by the Board of Public Works and filed in the office of the Town Clerk in accordance with the statutory requirements, and to see if the Town will accept the relocation or alteration of the said location lines as shown on said plan, or what it will do in relation thereto.

Board of Public Works.

Article 10.

Commonwealth of Massachusetts

Middlesex ss.

Town of Reading

Report of the Board of Public Works on the Relocation or Altera-

tion of the Northeast Corner of Vine Street and Mineral Street.

The Board of Public Works, having determined and adjudged that common convenience and necessity require that the public highways be laid out, relocated or altered as and in the location hereinafter described, having complied with all requirements of law relating to notice to owners of land thereof, and of a hearing thereon, and having met at the time and place appointed for such hearing and then and there heard all persons present who desired to be heard, have laid out, relocated or altered as public highways for the use of the town, the Northeast corner of Vine and Mineral Street. The boundaries and measurements as so laid out, relocated or altered are as follows:

Beginning at a point on the Easterly side line of Vine Street, said point being S. 23 degrees—54'—00" E., a distance of 187.66 feet from a stone bound set at an angle point in said easterly side line of said Vine Street;

From thence the area to be taken runs Southeasterly by a curved line on a radius of 20.00 feet, a length of 28.22 feet through land of Charles E. Stratton and Carrie A. Stratton to a point of tangent on the Northerly side line of said Mineral Street;

Thence S. 75 degrees—15'—00" W., along the present Northerly side line of said Mineral Street, a tangent distance of 17.04 feet to the point of intersection of the Northerly line of said Mineral Street and the Easterly line of said Vine Street;

Thence N. 23 degrees—54'—00" W., along the present Easterly side line of said Vine Street, a tangent distance of 17.04 feet to the point of beginning.

The approximate area taken is fifty-eight and six tenths (58.6) square feet.

The above described lines being more fully shown on a plan entitled, "Alteration of the Northeast corner of Vine and Mineral Streets, Reading, Mass." dated April, 1938, Board of Public Works, Philip Welch, Supt., said plan being a part of this description.

We determine that no damages will be sustained by any person or persons in their property by reason of the taking to be made for this improvement.

No betterments are to be assessed for this improvement.

This laying out, relocation or alteration so made by us, we hereby report to the Town for acceptance and recommend that when this report is accepted and adopted by the Town, that said public highways shall therefore be laid out, relocated or altered in accordance with said plan.

ALEXANDER LINDSAY

HAROLD W. PUTNAM

EDWARD A. BROPHY

WENDELL P. DAVIS

ALEXANDER WILLIAMSON

Town of Reading.

Members of the Board of Public Works,

On motion of Alexander Williamson, it was voted that the Town accept the report of the Board of Public Works on the relocating or altering of a portion of the location lines of Mineral Street and Vine Street at their terminus at the Northeasterly corner of Mineral Street and Vine Street and adopt the recommendations contained therein.

Article 5. To see if the Town will vote to amend the Zoning By-Law by striking out said Zoning By-Law with all amendments and additions thereto, and to establish under the authority of Section 25 of Chapter 40 of the General Laws as amended the Zoning By-Laws hereinafter set forth.

Planning Board.

Zoning By-Law for Town of Reading as Amended

A by-law, for the promotion of the health, safety, convenience, morals or welfare of the inhabitants of the Town of Reading, and for the purpose of lessening congestion in the streets, securing safety from fire, panic and other dangers, providing adequate light and air, preventing over-crowding of land, avoiding undue concentration of population, facilitating adequate provision of transportation, water, sewerage, schools, parks and other public requirements, and increasing the amenities of the Town, established under and pursuant to the provisions of the General Laws (Ter. Ed.), Chapter forty, Section twenty-five and following, and all amendments thereto, the use, height, area, construction, repair and alteration of structures and buildings, and the use of land in said Town are hereby restricted and regulated as hereinafter provided.

Definitions

The following terms in this by-law shall have the meanings hereby assigned to them:

1. Words used in the present tense include the future; the singular number includes the plural and the plural the singular; the word "lot" includes the word "plot"; the word "building" includes the word "structure."
2. A "family" is any number of individuals living together as a single housekeeping unit.
3. A "lot" is a parcel of land occupied or designed to be occupied by one building and the accessory buildings or uses customarily incident to it, including such open spaces as are arranged and designed to be used in connection with such building.
4. A "corner lot" is a lot at the junction of and fronting on two or more intersecting streets twenty (20) feet or more in width.
5. A "dwelling" is any building used in whole or in part for human habitation.
6. A "single family dwelling" is a dwelling arranged, intended or designed to be occupied by a single family.

7. A "two family dwelling" is a house arranged, intended or designed to be occupied by two families.

8. An "apartment house" is a building arranged, intended or designed for more than two families.

9. An "accessory use" is the use of a building or premises for purposes customarily incidental to the uses permitted in the district.

10. A "non-conforming use" is one that does not conform with the regulations applying to the district in which it is situated.

11. The "height of a building" is the vertical distance measured at the center line of its principal front from the established grade or from the natural grade, if higher than the established grade, or from the natural grade if no grade has been established, to the level of the highest point of the roof beams in the case of flat roof or roofs inclining not more than one inch to the foot, and to the mean height level between the top of the main plate and the highest ridge in the case of other roofs.

12. A "story" is that portion of a building between a floor and the ceiling next above it. Those portions of a building, the ceilings of which are not more than four (4) feet above the mean level of the finished grade at building line, shall not be counted as stories.

13. The "established grade" is the elevation of the street grade as fixed by the Town.

14. The "natural grade" is the elevation of the undisturbed natural surface of the ground adjoining the building.

15. A "front yard" is an open unoccupied space on the same lot with a building between the front line of the building and the front line of the lot and extending across the full width of the lot.

16. A "rear yard" is an open unoccupied space on the same lot with a building between the rear line of the building and the rear line of the lot and extending across the full width of the lot.

17. A "side yard" is an open unoccupied space on the same lot with a building situated between the building and the side line of the lot and extending from the front yard to the rear yard.

Part 1. Districts

Section 1. Establishment of Districts. For the purpose of this by-law, the Town of Reading is hereby divided into seven classes of districts, as follows:

1. Residence "A 1" districts. (Single Family houses, 10,000 sq. ft. lot areas.)

2. Residence "A 2" districts. (Single Family houses, 20,000 sq. ft. lot areas.)

3. Residence "A 3" districts. (Single Family houses, 40,000 sq. ft. lot areas.)

4. Residence "B" districts. (Single and two family houses, and apartments, 10,000 sq. ft. lot areas.)

5. Business "A" districts . (Fifty foot setback required.)
6. Business "B" districts. (No setback required.)
7. Industrial districts.

Said districts are as shown, defined and bounded on the map accompanying this by-law, entitled "Zone Map of the Town of Reading," dated May 10, 1938, signed by the Planning Board and on file with the Town Clerk. Said map and all explanatory matter thereon are hereby made a part of this by-law.

Section II. Boundaries of Districts. The boundaries between districts are as shown upon said map. Where zone lines apparently follow property lines they shall be so interpreted. Where a boundary is indicated upon a street, the line shall be the center line of the street. Where a boundary is indicated upon the main right of way of the Boston and Main Railroad, the districts are bounded respectively upon that right of way. Where a boundary is indicated approximately parallel to a street, it shall be taken as parallel thereto. Where a district boundary line divides a lot, as existing at the time this by-law takes effect, and the major portion of said lot is in the less restricted district, the regulations relating to said less restricted district may extend to such portion of said lot as is not more than thirty (30) feet within the more restricted district. All other boundaries shall be as indicated upon the map.

Section III.

1. Within any district, any building structure or land may be used, arranged or designed for any purpose not otherwise illegal, unless specifications prohibited or restricted set forth in the following sections.

2. Race tracks, airports, tourist and trailer camps are specifically prohibited.

3. Commercial ball parks, commercial amusement parks, carnivals and other enterprises of a similar character are prohibited unless a permit therefor is granted by the Board of Selectmen.

Part II. Residence Districts

Section IV. Use Regulations.

1. In any Residence A district, the erection or use of any principal building except as a single family detached house is specifically prohibited. (See paragraph 3 of this Section.)

2. In Residence B districts the erection or use of any principal building except as a single or two-family house, or a boarding house, or an apartment house, is specifically prohibited. See paragraph 3 of this section.

3. Paragraphs 1 and 2 of this Section shall not apply to churches, schools, public buildings, medical and charitable institutions, and public utilities, where such services do not include storage yards, repair shops, and other accessory uses of a business or industrial character, or ac-

cessory uses which violate the provisions of Section XVI of this by-law.

4. In any residence district the erection of any building or the use of any lot or building as an office, store, or stand for the display or sale of goods, or for the rendering of services, is specially prohibited, except for the sale of natural products, other than sand, loam and gravel, raised on the premises, and of articles manufactured on the premises from such products.

5. In all residence districts, all business and industrial enterprises, except as noted in the preceding paragraphs, are specifically prohibited.

6. In all residence districts the use of any lot or building in such a way that the resulting dust, odor, fumes, smoke, gas, wastes, refuse matter, noise, excessive vibration, danger of explosion or fire may be detrimental to a residence district is specifically prohibited.

Section V. Area Regulations.

1. In Residence A 1 districts and Residence B districts no principal building shall be erected unless there be provided for each such building a lot frontage of not less than eighty (80) feet upon the frontage street and an area of not less than 10,000 square feet.

2. In Residence A 2 districts no principal building shall be erected unless there be provided for each building a lot frontage of not less than eighty (80) feet upon the frontage street and an area of not less than 20,000 square feet.

3. In Residence A 3 districts no principal building shall be erected unless there be provided for each such building a lot frontage of not less than eighty (80) feet upon the frontage street, and an area of not less than 40,000 square feet.

4. No principal building in a Residence A 1, A 2 or A 3 district shall cover more than twenty-five per cent (25%) of the lot on which it stands, and no building used for dwelling purposes in any other district shall cover more than forty per cent (40%) of the lot on which it stands.

5. Paragraphs 1, 2 and 3 of this Section shall not apply to lots of less than the required frontage and area duly recorded by plan or deed at the Registry of Deeds before this by-law is adopted. A subdivision so recorded, and consisting of not less than three lots, may be resubdivided, provided such resubdivision shall be approved by the Board of Appeal.

Section VI. Height Regulations.

1. In a Residence A 1, A 2 or A 3 district, no building shall exceed two and one-half ($2\frac{1}{2}$) stories or thirty-five (35) feet in height, except that a building may be three (3) stories or forty (40) feet provided there be maintained a side yard of twenty (20) feet.

2. In all Residence B district, no building shall exceed three (3) stories or forty (40) feet in height, except that a building may be four

(4) stories or fifty (50) feet provided there be maintained a side yard of twenty (20) feet.

Section VII. Yard Regulations.

1. In all Residence districts no part of a building shall extend nearer any street line than twenty (20) feet except that no building need be set back more than the average of the set-backs of the buildings on the lots adjacent thereto on either side, a vacant lot or a lot occupied by a building set back more than twenty (20) feet being counted as though occupied by a building set back twenty (20) feet; but in no case shall any part of a building extend nearer any street line than ten (10) feet.

2. No principal building in any Residence district, and no building used for dwelling purposes in any other district, shall have a side wall, except a party wall where such wall is permitted, nearer to any side lot line than fifteen (15) feet; or a rear wall nearer to any rear lot line than twenty (20) feet. For each foot by which the lot is greater than one hundred (100) feet, six (6) inches shall be added and for each foot less than one hundred (100) feet, six (6) inches shall be deducted from the width of the rear yard; but no rear yard shall be required to be more than thirty (30) feet or permitted to be less than ten (10) in depth.

3. In all Residence districts all accessory buildings except garages shall be located in rear yard area and shall not be nearer than five (5) feet to a side or rear lot line, and shall not occupy more than twenty-five (25) per cent of the required rear yard area. Garages, if located in rear or side yards, shall comply with these requirements. Garages, if located in front yard area, shall not extend nearer to the street than the setback required for a principal building on said lot.

Part III. Business Districts

Section VIII. Use Regulations.

1. Within Business districts, all manufacturing and industrial enterprises together with their accessories, except as they are clearly incidental to a retail business lawfully conducted on the premises, are specifically prohibited, provided that such manufacturing as is permitted shall not give rise to dust, odor, fumes, smoke, gas, wastes, refuse matter, noise or excessive vibrations, to danger of explosion or fire, or be otherwise detrimental to a business district.

Section IX. Building Area. In a Business district no new buildings or structure shall be built and no existing building shall be enlarged so that it covers more than eighty-five (85) per cent of the lot on which it stands.

Section X. Height Regulations. In a Business district no building shall exceed four (4) stories or forty-five (45) feet in height.

Section XI. Yard Regulations.

1. Front Yards.

Where a Business "B" district adjoins a residential district on the street line, no new building and no alteration or extension of an existing building shall be erected in said business district nearer than five (5) feet to such street line for a distance of eighty (80) feet measured along the street line from the boundary line between the zones.

In a business "A" district, no part of a building or structure shall extend nearer the property line on the frontage street than fifty (50) feet, or nearer any other street line than twenty (20) feet.

2. Side Yards. In any Business district, no building on a lot adjoining on the side any residential district shall extend nearer the boundary line of such residential district than ten (10) feet.

3. Rear Yards. In any Business district, no building on a lot adjoining, on the rear, any residential district shall have any part of its exterior wall above the first story nearer to the boundary line of such residential district than fifteen (15) feet. (For yard exceptions see Section XX.)

Part IV. Industrial Districts

Section XII. Use Regulations.

1. In an Industrial district no building or premises shall be used for any other purpose which is injurious, obnoxious, or offensive to a neighborhood by reason of noise, smoke, odor, gas, dust, or other objectionable feature, or is dangerous to a neighborhood on account of fire or any other cause.

2. No new buildings shall be constructed or used for dwelling purposes, and no existing building shall be altered, enlarged, or extended for use as a residence or apartment house.

Section XIII. Building Area. In an Industrial district no new building or structure shall be erected, and no existing building shall be enlarged so that it covers more than eighty-five (85) per cent of the lot on which it stands.

Section XIV. Height Regulations. In an Industrial district no building shall exceed four (4) stories or sixty (60) feet in height.

Section XV. Yard Regulations. In an Industrial district the yard requirements shall be as specified in Section XI for Business districts.

Part V. General Provisions

Section XVI. Accessory Uses.

1. Accessory uses shall be permitted which do not alter the character of the premises on which they are located and are not injurious, noxious or offensive to the neighborhood.

2. Subject to the provisions of paragraph 1 of this Section, the following shall be considered as accessory uses in a Residential district:

a. The use of a room or rooms in a dwelling in a Residence district as an office or studio or working room for home occupations by a person resident in the house, provided that no goods are publicly dis-

played or offered for sale. No sign over one square foot in area shall be permitted.

b. The renting, by a family living in a dwelling in a Residence district, of rooms and the furnishing of table board.

Section XVII. Non-conforming Uses.

1. A non-conforming use is a use incompatible with the regulations for the use district in which it exists.

2. Any building, part of a building or premises which, at the time this by-law takes effect, is being put to a non-conforming use may be:

(a) Continued in that use.

(b) Altered or extended for that use only upon a permit by the Board of Appeals, or as ordered by the Building Inspector to make such building or premises safe.

(c.) Changed to a more restricted use; provided that when so changed it shall not be returned to a less restricted use.

(d.) Abandoned under the conditions set forth in paragraph 3 of this section.

3. The discontinuance of the non-conforming use of any premises for the period of two years shall be deemed to constitute abandonment of such use, and the use of such premises thereafter shall be in accordance with the regulations and restrictions herein provided for uses originating after this by-law takes effect.

Section XVIII. Height Exceptions. Parapets and cornices which do not extend more than four (4) feet above the highest point of the roof beams, enclosures for the machinery of elevators or for tanks which do not exceed ten (10) feet in height; chimneys, ventilators, skylights, or other features usually carried above roofs, domes, towers or spires, if such features are in no way for human occupancy; and ornamental towers, observation towers, water towers, windmills, and like structures, which occupy less than twenty-five (25) per cent of the lot area, may extend above the height limits herein prescribed.

Section XIX. Yard Exceptions. Projecting eaves, chimneys, bay windows, balconies and like projections, which do not project more than three and one-half ($3\frac{1}{2}$) feet beyond the line of the foundation wall, and unenclosed steps, unroofed porches and the like, which do not extend nearer to the party line than ten (10) feet, and the top of the rail of which is not more than six (6) feet above ground, may extend beyond the minimum yard requirements herein prescribed.

Section XX. Access to Business or Industrial Buildings. No driveway or other means of access for vehicles, other than an accepted street, shall be maintained or used in any Residence district for the servicing of a commercial or industrial building located in a Business or Industrial District.

Section XXI. Reduction of Area. No lot shall be changed in size or shape so that the height, area, yard, or coverage provisions herein

prescribed are no longer satisfied. This section shall not apply where a portion of a lot is acquired for a public purpose.

Part VI. Administration and Enforcement

Section XXII.

1. The Inspector of Buildings, or other municipal officer or officers, shall require of every applicant for a license or permit for any construction, alteration or use of any building, structure or premises, for which a permit or license is by law required, such written information, plans, specifications and other data as shall be deemed necessary for the full and accurate exposition of the proposed construction, alteration or use, with relation to the requirements of this by-law. Such material, so required, shall be kept on file in the records of the officer or officers to whom it is submitted.

2. The Inspector of Buildings, appointed under the building laws, shall not grant a permit for the construction or alteration of any building or structure, if the building or structure as constructed or altered would be in violation of any provision of this by-law. No municipal office shall grant any permit or license for the use of buildings, structures, or land which use would be in violation of any provision of this by-law. Whenever such permit or license is refused because of some provisions of this by-law, the reason therefor shall be clearly stated in writing.

3. The Board of Appeal, established under the Building Law of the Town, shall constitute the Board of Appeal under this by-law, and shall have the powers and duties provided for herein and as prescribed by G. L. (Ter. Ed.) Chapter 40, and all amendments thereto.

4. The Inspector of Buildings with the approval of the Selectmen may, and if required by them, shall institute appropriate legal proceedings to enforce this by-law and to restrain by injunction any violation thereof.

Section XXIII. Penalty. Any person or persons, who violate any provision of this by-law shall forfeit a sum not to exceed twenty dollars for each offense, which shall be recovered as provided by law and shall enure to the Town.

Section XXIV. Interpretation and Validity.

1. Nothing in this by-law shall be construed as repealing or modifying any existing by-law or regulation of the Town, but shall be in addition thereto.

2. If any provision of this by-law shall be determined to be invalid, the remaining provisions of the by-law not manifestly inseparable from the invalid provision shall continue in force.

Section XXV. This by-law shall take effect upon its approval by the Attorney General and publication according to law.

Article 5. On motion of Winthrop D. Parker that the Town accept the revised Zoning By-Law as submitted by the Planning Board, the measure requiring a two-thirds vote to carry it, the vote on the article was Yes 86 and No 57, and the same was not carried.

On motion of J. Warren Killam, Jr., it was voted to adjourn sine die.

Attest:

MILLARD F. CHARLES, Town Clerk.

STATE PRIMARY

Security Hall, Woburn St., Sept. 20, 1938.

Pursuant to the warrant a Primary was held at the time and place therein specified and was called to order by Selectman J. Warren Killam, Jr. The warrant was partially read by Selectman J. Warren Killam, Jr., when on motion of Town Clerk, Millard F. Charles, it was voted to dispense with further reading except the Constable's Return thereon which was duly read. The ballot boxes were examined and found empty and the keys were delivered to the Constable in charge, J. Winthrop Sias. The ballots were delivered to the Selectman in charge and the polls were duly opened and closed at the hours specified in the warrant and the votes counted in open Town meeting with the following result: 2652 Republican and 273 Democrat, a total of 2925 votes cast.

REPUBLICAN PARTY

For Governor

Frederick Butler, 159 Lowell Street, Andover	88
William H. McMasters, 7 Rutland Street, Cambridge	349
Leverett Saltonstall, 240 Chestnut Hill Road, Newton	2076
Richard Whitcomb, 90 Park Drive, Springfield	102
Blanks	37

For Lieutenant-Governor

Dewey G. Archambault, 197 Pawtucket Street, Lowell	15
Horace T. Cahill, 60 Arborway Drive, Braintree	81
J. Watson Flett, 184 Rutledge Road, Belmont	26
Charles P. Howard, 186 Summer Avenue, Reading	2402
Kenneth D. Johnson, 30 Brackett Street, Milton	107
Robert Gardner Wilson, Jr., 57 Codman Hill Avenue, Boston ..	9

Secretary

Frederic W. Cook, 75 Benton Road, Somerville	2417
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Treasurer

William E. Hurley, 37 Carruth Street, Boston	1369
Alonzo B. Cook, 4 Bulfinch Place, Boston	1019
John J. Hurley, 86 Lynnway, Revere	74
Blanks	190

Auditor

Carl D. Goodwin, 170 Bayswater Street, Boston	703
Russell A. Wood, 9 Whittier Street, Cambridge	1479
Blanks	470

Attorney-General

Howe Coolidge Amee, 285 Harvard Street, Cambridge	703
Clarence A. Barnes, 79 Rumford Avenue, Mansfield	985
Frank F. Walters, 70 Chandler Street, Boston	326
Blanks	638

Congressman, Fifth District

Edith Nourse Rogers, 444 Andover Street, Lowell	2432
Blanks	220

Councillor, Sixth District

Eugene A. F. Burtnett, 39 Ware Street, Somerville	1098
Joseph George Bates, 62 Mount Vernon Street, Malden	333
Frederick E. Bean, 69 Playstead Road, Medford	301
Walter A. Raney, 430 Arlington Street, Dracut	74
Orvis H. Saxby, Eastview Terrace, Stoneham	375
Blanks	471

Senator, Seventh Middlesex District

Joseph R. Cotton, 123 Marrett Road, Lexington	2384
Joseph LaBelle, 97 Pleasant Street, Lowell	85
Blanks	183

Representatives in General Court, Eighteenth Middlesex District

Arthur W. Coolidge, 210 Summer Avenue, Reading	2470
Gustave W. Everberg, 11 Cleveland Avenue, Woburn	2087
Blanks	747

District Attorney, Northern District

Warren L. Bishop, 80 Main Street, Wayland	1194
Robert F. Bradford, 106 Coolidge Hill, Cambridge	1256
Blanks	202

County Commissioner, Middlesex County

Smith J. Adams, 19 Columbus Avenue, Lowell	181
Thomas H. Braden, 320 Wilder Street, Lowell	380
Charles H. Brown, 520 High Street, Medford	468
Ernest J. Chisholm, 318 Winthrop Street, Medford	112
Byrle J. Osborn, North Mill Street, Hopkinton	47
George Wyman Pratt, 35 Clark Street, Somerville	157
Charles C. Warren, 15 Maple Street, Arlington	642
Blanks	665

Sheriff, Middlesex County

Joseph M. McElroy, 50 Thorndike Street, Cambridge	2204
Blanks	448

Clerk of Courts, Middlesex County (to fill vacancy)

Edward J. Hamilton, 466 Fletcher Street, Lowell	332
Frederic L. Putnam, 288 Main Street, Melrose	1897
Blanks	423

Delegates to State Convention

Natalie Burnham, 17 Pine Ridge Road, Reading	2063
Norman W. Haines, 32 Thorndike Street, Reading	2088
Charles S. Hasty, 46 Temple Street, Reading	2070
Kathrine G. Howard, 186 Summer Avenue, Reading	2140
Harold F. Parkr, 42 Pratt Street, Reading	2079
Louis Ellenwood, 78 Lowell Street, Reading	2150
Dudley B. Killam, 16 Arlington Street, Reading	2070
Louise B. Jenkins, 161 Salem Street, Reading	2037
Marion B. Temple, 32 Hillcrest Road, Reading	2028
Sara G. Harnden, 311 Summer Avenue, Reading	2004
W. Fletcher Twombly, 14 Berkeley Street, Reading	2122
Albert N. Leman, 35 School Street, Reading	2078
Logan R. Dickie, 86 Walnut Street, Reading	2079
Mollie A. Sweetser, 192 Woburn Street, Reading	2164
Blanks	7956

DEMOCRATIC PARTY

Governor

Charles F. Hurley, 57 Fresh Pond Lane, Cambridge	109
James M. Curley, 350 Jamaicaaway, Boston	90
Francis E. Kelly, 1176 Morton Street, Boston	46
Richard M. Russell, 984 Memorial Drive, Cambridge	24
Blanks	4

Lieutenant-Governor

James Henry Brennan, 38 Arborway, Boston	93
Edward T. Collins, 162 Westminster Street, Springfield	29
Alexander F. Sullivan, 92 Wordworth Street, Boston	19
Joseph C. White, 77 Westchester Road, Boston	92
William P. Yoerg, 9 Liberty Street, Holyoke	10
Blanks	30

Secretary

William J. Ahearne, 28 Baker Street, Lynn	35
John M. Bresnahan, 25 Atkinson Street, Lynn	51
Henry Clay, 37 McKnight Street, Springfield	7
Katherine A. Foley, 17 Allyn Terrace, Lawrence	63
William F. Sullivan, 28 Arborough Road, Boston	39
John H. Wallace, 1 Swan Court, Boston	22
Blanks	56

Treasurer

William F. Barrett, 16 Mansur Street, Lowell	41
Ernest Joseph Brown, 31 Lexington Street, Boston	15
William H. Burke, Jr., 70 Main Street, Hatfield	14
Joseph W. Doherty, 67 Carlton Street, Brookline	55
Owen Gallagher, 652 Columbia Road, Boston	54
John Frederick Harkins, 41 Laurel Drive, Needham	2
Daniel J. Honan, 23 Fremont Street, Winthrop	10
John J. McGrath, 2 Maple Park, Boston	30
Blanks	52

Auditor

Thomas H. Buckley, 198 Centre Street, Arlington	161
John J. Barry, 37 Swan Street, Lowell	35
Leo D. Walsh, 2 Plummer Place, Boston	34
Blanks	43

Attorney-General

Paul A. Dever, 86 Buckingham Street, Cambridge	230
Blanks	43

Congressman, Fifth District

Francis J. Roane, 46 Burt Street, Lowell	198
Blanks	75

Councillor, Sixth District

Thomas J. Brady, 36 Smith Street, Lowell	30
Edward Brennan, 17 Evergreen Avenue, Somerville	16
James J. Brennan, 10 Putnam Street, Somerville	38
Michael Catino, 110 Harvard Street, Medford	6
Edward J. Coughlin, 398 Washington Street, Somerville	7
James M. Curley, 194 Middlesex Street, Lowell	12
Walter A. Hodgdon, 22 Elliot Terrace, Newton	1
John M. Hurley, 10 Park Terrace, Arlington	8
William P. McGarry, 31 Groves Avenue, Lowell	6
Thomas F. McGrath, 217 Willow Avenue, Somerville	21
William McMahon, 511 Concord Street, Lowell	1
Edward H. O'Connor, 12 Fernald Street, Lowell	3
Edward A. Rose, 231 Powder House Boulevard, Somerville	29
John F. Sullivan, 25 Warren Avenue, Somerville	10
Raymond A. Willett, Jr., 1 Cooke Terrace, Woburn	28
Blanks	57

Senator, Seventh Middlesex District

William D. Dacey, 176 Andover Street, Lowell	83
Edward L. Harley, 46 Crosby Street, Lowell	48
Joseph LaBelle, 97 Pleasant Street, Lowell	17
P. Harold Rady, 98 Andover Street, Lowell	59
Blanks	66

Representatives in General Court, Eighteenth Middlesex District

William H. Flaherty, 6 Munroe Street, Woburn	185
Thomas J. Power, 18 High Street, Woburn	166
Blanks	195

District Attorney, Northern District

James J. Bruin, 161 School Street, Lowell	65
Joseph V. Carroll, 154 Clifton Street, Belmont	90
George A. McLaughlin, 562 Huron Avenue, Cambridge	53
Blanks	65

County Commissioner, Middlesex County

Thomas B. Brennan, 72 Bower Street, Medford	132
Raymond Brennan, 9 Third Street, Lowell	24
James J. Carragher, 28 Court Street, Lowell	11
Ralph F. Champney, 76A Prospect Street, Somerville	9
Hugh F. Farley, 6 Hildreth Street, Lowell	17
Byrle J. Osborn, North Mill Street, Hopkinton	9
Blanks	71

Sheriff, Middlesex County

Michael J. Dee, 94 Hammond Street, Cambridge	64
Michael DeLuca, 36 Walker Street, Cambridge	7
James F. Hennessey, 198 Pine Street, Lowell	48
Clement Gregory McDonough, 727 Bridge Street, Lowell	16
William H. Walsh, off Cochituate Road, Framingham	76
Blanks	62

Clerk of Courts, Middlesex County (To Fill Vacancy)

Edward L. Ford, 390 Broadway, Cambridge	211
Blanks	62

Delegate to State Convention

Richard Francis Drew, 48 John Street, Reading	229
Blanks	44

The votes were sorted, counted and declared in open town meeting and the meeting adjourned sine die.

Attest:

MILLARD F. CHARLES, Town Clerk.

SPECIAL TOWN MEETING

Security Hall, Woburn St., September 29, 1938.

The meeting was called to order by the Moderator, Charles P. Howard. The warrant was partially read by the Town Clerk, Millard F. Charles, when on motion of Newell H. Morton it was voted to dispense with further reading except the Constable's return which was duly read by the Town Clerk.

Article 1. To hear and act on the reports of Town Officers and special committees and to see what instructions, if any, shall be given Town officers and special committees.

Article 1. On motion of Newell H. Morton, it was voted to lay this article on the table.

Article 2. To see if the Town will vote to raise and appropriate a sum of money for Public Welfare, including Aid to Dependent Children and Old Age Assistance, Soldiers' Benefits, including State Aid, Military Aid, Soldiers' Burials and Soldiers' Relief, and for W. P. A. expenses, including administrative, truck hire, equipment and materials, and authorize the Treasurer, with the approval of the Selectmen, to borrow under authority of and in accordance with the provisions of Chapter 58 of the Acts of 1938, or take any action relative thereto.

Board of Selectmen.

Article 2. On motion of Newell H. Morton, it was voted to indefinitely postpone this article.

Article 3. To see if the Town will vote to raise and appropriate a sum of money for the purpose of constructing an elementary school building, including originally equipping and furnishing the same, and authorize and direct the Selectmen to accept on behalf of the town, for use in carrying out such project, a Federal grant of money pursuant to the Public Works Administration Act of 1938; and authorize the School Committee to construct said project and contract with respect thereto; and authorize the Treasurer, with the approval of the Selectmen, to borrow such sums as may be necessary to meet any appropriations made, and to use any other available funds that may be raised by taxation or appropriation for that purpose, or take any action relative thereto.

School Committee.

Article 3. On motion of Frank D. Tanner, it was voted that for the purpose of constructing an elementary school building, to be erected on land now owned by the Town on the Easterly side of Pearl Street on the site known as the Town Farm, including originally equipping and furnishing the same, and to enable the Town to secure the benefits of funds granted by the Federal Government under the Public Works Administration Appropriation Act of 1938, there be raised and appropriated the sum of one hundred ninety-five thousand eight hundred fifty-eight (\$195,858.00) dollars, and the Treasurer, with the approval of the Selectmen, be and hereby is authorized to borrow the sum of one hundred ten thousand (\$110,000.00) dollars, and to issue bonds or notes of the Town, therefor, under authority of and in accordance with the provisions of Chapter 50 of the Acts of 1938, said bonds or notes to be payable in not more than twenty (20) years at such terms and maximum rate of interest as may be fixed by the Emergency Finance Board. All monies received by way of grant from the Federal

Government on account of this project shall be applied first to meet the cost of construction thereof, and any balance shall be applied to the payment of the loan herein authorized. The Selectmen are hereby authorized and directed to accept on behalf of the Town for use in carrying out such project, a Federal grant of money, pursuant to the Public Works Administration Appropriation Act of 1938; and the School Committee is authorized to proceed with the construction of said project and to enter into all necessary and proper contracts and agreements in respect thereto, all subject to applicable Federal regulations; and the Selectmen and the School Committee are authorized to do all other acts and things necessary or convenient for obtaining said grant, making said loan, and constructing said project.

204 voted "Yes" and 4 voted "No."

On motion of Newell H. Morton, it was voted to adjourn sine die.

A true copy, attest:—

MILLARD F. CHARLES, Town Clerk.

SPECIAL TOWN MEETING

Security Hall, Woburn Street, October 20, 1938.

Pursuant to the warrant and the Constable's return thereon a town meeting was held at the time and place therein specified and was called to order by the Town Clerk, Millard F. Charles. The Town Clerk was instructed to cast one ballot for Samuel H. Davis for Moderator which was done. The warrant was partially read when upon motion of J. Warren Killam, Jr., it was voted to dispense with further reading except the Constable's return which was duly read by the Town Clerk.

Article 1. To hear and act on the reports of Town officers and special committees and to see what instructions, if any, shall be given Town officers and special committees.

Article 1. On motion of J. Warren Killam, Jr., it was voted to lay this article on the table.

Article 2. To see if the Town will vote to raise and appropriate a sum of money for Public Welfare, including Aid to Dependent Children and Old Age Assistance, Soldiers' Benefits, including State Aid, Military Aid, Soldiers' Burials and Soldiers' Relief, and for W. P. A. Expenses, including administrative, truck hire, equipment and materials, and authorize the Treasurer, with the approval of the Selectmen, to borrow under authority of and in accordance with the provisions of Chapter 58 of the Acts of 1938, or take any action relative thereto.

Board of Selectmen.

Article 2. On motion of J. Warren Killam, Jr., it was voted that the sum of seven thousand (\$7,000.00) dollars be raised and appropriated for Public Welfare, including aid, board and care; two thousand

(\$2,000.00) dollars for Old Age Assistance; one thousand (\$1,000.00) dollars for Soldiers' Benefits, including State Aid, Military Aid, Soldiers' Burials, and Soldiers' Relief; and twenty-five thousand (\$25,000.00) dollars for W. P. A. expenses, including administrative, truck hire, equipment and materials; and to meet said appropriations the Treasurer with the approval of the Selectmen be and hereby is authorized to borrow thirty-five thousand (\$35,000.00) dollars under authority of and in accordance with the provisions of Chapter 58 of the Acts of 1938, and to issue bonds or notes of the Town therefor payable in not more than five (5) years from the date thereof.

One hundred thirty-five voted "Yes" and none "No" making it an unanimous vote.

Article 3 . To see if the Town will vote to raise and appropriate a sum of money for the purpose of repairing damage to public buildings and grounds, parks, ways, shade trees and cemeteries, caused by the recent storm, determine whether the money shall be provided for by borrowing under Clause 9 of Section 8 of Chapter 44 of the General Laws, or by transfer from available funds in the Treasury, or what it will do in relation thereto.

Board of Selectmen.

Article 3. On motion of J. Warren Killam, Jr., it was voted that the sum of thirteen thousand (\$13,000.00) dollars be raised and appropriated for the purpose of repairing damage to public buildings and grounds, parks, ways and cemeteries, and for repairing and replacing shade trees, caused by the recent storm, including work and labor and the purchase of necessary materials, tools and equipment, and any other incidental expenses pertaining thereto, and to meet said appropriation the Treasurer with the approval of the Selectmen, be and hereby is authorized to borrow the sum of thirteen thousand (\$13,000.00) dollars and to issue therefor bonds or notes of the Town in accordance with the provisions of Clause 9 of Section 8 of Chapter 44 of the General Laws and Acts amendatory thereof and in addition thereto, so that the whole of said loan shall be paid in not more than one (1) year, or at such earlier time as the Treasurer and the Board of Selectmen may determine, and said bonds or notes shall be signed by the Treasurer and countersigned by the Selectmen.

One hundred and thirty-five voted "Yes" and none "No" making it an unanimous vote.

Article 4. To see what sum the Town will vote to appropriate from available funds and transfer to General Aid, Aid to Dependent Children and Old Age Assistance or what it will do in relation thereto.

Board of Public Welfare.

Article 4. On motion of Edward F. Parker, it was voted that the sum of one thousand (\$1,000.00) dollars be appropriated from the unexpended balance in the Public Welfare Administrative Account and of

said sum six hundred (\$600.00) dollars be transferred to the Public Welfare Aid, Board and Care Account, and four hundred (\$400.00) dollars to Public Welfare Aid to Dependent Children Account, and the Town Accountant be and he hereby is authorized and instructed to transfer said sums to said accounts.

Article 5. To see what sum the Town will vote to appropriate from available funds and transfer to School Department Maintenance Account, or what it will do in relation thereto.

School Committee.

Article 5. On motion of Frank D. Tanner, it was voted that the sum of fifteen hundred (\$1,500.00) dollars be appropriated from the unexpended balance in the School Department General Maintenance Account, and the Town Accountant be and hereby is authorized and instructed to transfer said sum to said account.

Article 6. To see if the Town will vote to place upon the official ballot used for the election of Town officers at the next Annual Town Meeting to be held on March 6, 1939, the following question:—

“Shall the Zoning By-Law be amended by striking out said Zoning By-Law with all amendments and additions thereto and establish under the authority of Section 25 of Chapter 40 of the General Laws, as amended, the Zoning By-Law hereinafter set forth?”

Planning Board.

Zoning By-Law for Town of Reading as Amended

A by-law for the promotion of the health, safety, convenience, morals or welfare of the inhabitants of the Town of Reading, and for the purpose of lessening the congestion in the streets, securing safety from fire, panic and other dangers, providing adequate light and air, preventing over-crowding of land, avoiding undue concentration of population, facilitating adequate provision of transportation, water, sewerage, schools, parks and other public requirements, and increasing the amenities of the Town, established under and pursuant to the provisions of the General Laws (Ter. Ed.), Chapter forty, Section 25 and following, and all amendments thereto, the use, height, area, construction, repair and alteration of structures and buildings, and the use of land in said Town are hereby restricted and regulated as hereinafter provided.

Definitions

The following terms in this by-law shall have the meanings hereby assigned to them:

1. Words used in the present tense include the future; the singular number includes the plural and the plural the singular; the word “lot” includes the word “plot”; the word “building” includes the word “structure.”

2. A “family” is any number of individuals living together as a single housekeeping unit.

3. A "lot" is a parcel of land occupied or designed to be occupied by one building and the accessory buildings or uses customarily incident to it, including such open spaces as are arranged and designed to be used in connection with such building.

4. A "corner lot" is a lot at the junction of and fronting on two or more intersecting streets twenty (20) feet or more in width.

5. A "dwelling" is any building used in whole or in part for human habitation.

6. A "single family dwelling" is a dwelling arranged, intended or designed to be occupied by a single family.

7. A "two-family dwelling" is a house arranged, intended or designed to be occupied by two families.

8. An "apartment house" is a building arranged, intended or designed for more than two families.

9. An "accessory use" is the use of a building or premises for purposes customarily incidental to the uses permitted in the district.

10. A non-conforming use is one that does not conform with the regulations applying to the district in which it is situated.

11. The height of a building is the vertical distance measured at the center line of its principal front from the established grade or from the natural grade if no grade has been established, to the level of the highest point of the roof beams in the case of flat roofs or roofs inclining not more than one inch to the foot, and to the mean height level between the top of the main plate and the highest ridge in the case of other roofs.

12. A "story" is that portion of a building between a floor and the ceiling next above it. Those portions of a building, the ceilings of which are not more than four (4) feet above the mean level of the finished grade at building line, shall not be counted as stories.

14. The "natural grade" is the elevation of the undisturbed natural fixed by the Town.

14. The "natural grade" is the elevation of the undisturbed natural surface of the ground adjoining the building.

15. A "front yard" is an open unoccupied space on the same lot with a building between the front line of the building and the front line of the lot and extending across the full width of the lot.

16. A "rear yard" is an open unoccupied space on the same lot with a building between the rear line of the building and the rear line of the lot and extending across the full width of the lot.

17. A "side yard" is an open unoccupied space on the same lot with a building situated between the building and the side line of the lot and extending from the front yard to the rear yard.

Part I. Districts

Section 1. Establishment of Districts. For the purpose of this by-

law, the Town of Reading is hereby divided into seven classes of districts, as follows:

1. Residence "A 1" districts. (Single Family houses, 10,000 sq. ft. lot areas).
2. Residence "A 2" districts. (Single Family houses, 20,000 sq. ft. lot areas).
3. Residence "A 3" districts. (Single Family houses, 40,000 sq. ft. lot areas).
4. Residence "B" districts. (Single and two-family houses, and apartments, 10,000 sq. ft. lot areas).
5. Business "A" districts. (Fifty foot setback required).
6. Business "B" districts. (No setback required).
7. Industrial districts.

Said districts are as shown, defined and bounded on the map accompanying this by-law entitled "Zone Map of the Town of Reading," dated May 10, 1938, signed by the Planning Board on file with the Town Clerk. Said map and all explanatory matter thereon are hereby made a part of this by-law.

Section II. Boundaries of Districts. The boundaries between districts are as shown upon said map. Where zone lines apparently follow property lines they shall be so interpreted. Where a boundary is indicated upon a street, the line shall be the center line of the street. Where a boundary line is indicated upon the main Right of Way of the Boston & Maine Railroad, the districts are bounded respectively upon that right of way. Where a boundary is indicated approximately parallel to a street, it shall be taken as parallel thereto. Where a district boundary line divides a lot, as existing at the time this by-law takes effect, and the major portion of said lot is in the less restricted district, the regulations relating to said less restricted district may extend to such portion of said lot as is not more than thirty (30) feet within the more restricted district. All other boundaries shall be as indicated upon the map.

1. Within any district any building structure or land may be used, arranged or designed for any purpose not otherwise illegal, unless specifications prohibited or restricted set forth in the following Sections.

2. Race tracks, airports, tourist and trailer camps are specifically prohibited.

3. Commercial ball parks, commercial amusement parks, carnivals and other enterprises of a similar character are prohibited unless a permit therefor is granted by the Board of Selectmen.

Residence Districts

Part II.

Section IV. Use Regulations.

1. In any Residence "A" District, the erection or use of any prin-

principal building except as a single family detached house is specifically prohibited. (See paragraph 3 of this Section).

2. In Residence "B" District, the erection or use of any principal building except as a single or two-family house, or a boarding house, or an apartment house, is specifically prohibited. (See paragraph 3 of this Section).

3. Paragraphs 1 and 2 of this Section shall not apply to churches, schools, public buildings, medical or charitable institutions, and public utilities, where such devices do not include storage yards, repair shops and other accessory uses of a business or industrial character, or accessory uses which violate the provisions of Section 8 of this by-law.

4. In any residence district the erection of any building or the use of any lot or building as an office, store or stand for the display or sale of goods, or for the rendering of services, is specifically prohibited, except for the sale of natural products, other than sand, loam and gravel, raised on the premises, and of articles manufactured on the premises from such products.

5. In all residence districts, all business and industrial enterprises, except as noted in the preceding paragraphs, are specifically prohibited.

6. In all residence districts the use of any lot or building in such a way that the resulting dust, odor, fumes, smoke, gas, water, refuse matter, noise, excessive vibration, danger of explosion or fire may be detrimental to a residence district is specifically prohibited.

Section V. Area Regulations

1. In Residence A 1 districts and Residence B districts no principal building shall be erected unless there be provided for each such building a lot frontage of not less than eighty (80) feet upon the frontage street and an area of not less than 10,000 square feet.

2. In Residence A 2 districts no principal building shall be erected unless there be provided for each building a lot frontage of not less than eighty (80) feet upon the frontage street and an area of not less than 20,000 square feet.

3. In Residence A 3 districts no principal building shall be erected unless there be provided for each such building a lot frontage of not less than eighty (80) feet upon the frontage street, and an area of not less than 40,000 square feet.

4. No principal building in a Residence A 1, A 2 or A 3 district shall cover more than twenty-five (25%) per cent of the lot on which it stands, and no building used for dwelling purposes in any other district shall cover more than forty per cent (40%) of the lot on which it stands.

5. Paragraphs 1, 2 and 3 of this section shall not apply to lots of less than the required frontage and area duly recorded by plan or deed at the Registry of Deeds before this By-Law is adopted. A subdivision so recorded, and consisting of not less than three lots, may be resub-

divided, providing each resubdivision shall be approved by the Board of Appeal.

Section VI. HEIGHT REGULATIONS.

1. In a Residence A 1, A 2 or A 3 district, no building shall exceed two and one-half (2½) stories or thirty-five (35) feet in height, except that a building may be three (3) stories or forty (40) feet provided there be maintained a side yard of twenty (20) feet.

Section VII. YARD REGULATIONS.

1. In all Residence districts no part of a building shall extend nearer any street line than twenty (20) feet except that no building need be set back more than the average of the setbacks of the buildings on the lots adjacent thereto on either side, a vacant lot or a lot occupied by a building set back more than twenty (20) feet being counted as though occupied by a building set back twenty (20) feet; but in no case shall any part of a building extend nearer any street line than ten (10) feet.

2. No principal building in any Residence district, and no building used for dwelling purposes in any other district, shall have a side wall, except a party wall where such a wall is permitted, nearer to any side lot line than fifteen feet (15); or a rear wall nearer to any rear lot line than twenty (20) feet. For each foot by which the lot is greater than one hundred (100) feet, six (6) inches shall be added, and for each foot less than one hundred (100) feet, six (6) inches shall be deducted from the width of the rear yard; but no rear yard shall be required to be more than thirty (30) feet or permitted to be less than ten (10) in depth.

3. In all Residence districts all accessory buildings except garages shall be located in rear yard area and shall not be nearer than five (5) feet to a side or rear lot line, and shall not occupy more than twenty-five (25%) per cent of the required rear yard area. Garages, if located in rear or side yards, shall comply with these requirements. Garages, if located in front yard area, shall not extend nearer to the street than the setback required for a principal building on said lot.

Part III. Business Districts

Section VIII. Use Regulations.

1. Within business districts, all manufacturing and industrial enterprises, together with their accessories, except as they are clearly incidental to a retail business lawfully conducted on the premises are specifically prohibited, provided that such manufacturing as is permitted shall not give rise to dust, odor, fumes, smoke, gas, wastes, refuse matter, noise or excessive vibrations, to danger of explosion or fire, or be otherwise detrimental to a business district.

Section IX. Building Area. In a Business district no new buildings or structure shall be built and no existing building shall be enlarged

so that it covers more than eighty-five per cent of the lot on which it stands.

Section X. In a business district no building shall exceed four (4) stories or forty-five (45) feet in height.

Section XI. Yard Regulations.

1. Front Yards.

Where a Business "B" district adjoins a residential district on the street line, no new building and no alteration or extension of an existing building shall be erected in said business district, nearer than five (5) feet to such street line for a distance of eighty (80) feet measured along the street line from the boundary line between the zones.

In a business "A" district, no part of a building or structure shall extend nearer the property line on the frontage street than fifty (50) feet, or nearer any other street line than twenty (20) feet.

2. Side Yards. In any Business district, no building on a lot adjoining on the side any residential district shall extend nearer the boundary line of such residential district than ten (10) feet.

3. Rear Yards. In any Business district, no building on a lot adjoining, on the rear, any residential district shall have any part of its exterior wall above the first story nearer to the boundary line of such residential district than fifteen (15) feet. (For Yard exceptions see Section XX).

Part IV. Industrial Districts

Section XII. Use Regulations.

1. In an Industrial district no building or premises shall be used for any other purpose which is injurious, obnoxious or offensive to a neighborhood by reason of noise, smoke, odor, gas, dust or other objectionable feature, or is dangerous to a neighborhood on account of fire or any other cause.

2. No new buildings shall be constructed or used for dwelling purposes, and no existing building shall be altered, enlarged or extended for use as a residence or apartment house.

Section XIII. Building Area. In an Industrial district, no new building or structure shall be erected, and no existing building shall be enlarged so that it covers more than eighty-five (85) per cent of the lot on which it stands.

Section XIV. Height Regulations. In an Industrial district no building shall exceed four (4) stories or sixty (60) feet in height.

Section XV. Yard Regulations. In an Industrial district the yard requirements shall be as specified in Section XI for Business Districts.

Part V. General Provisions

Section XVI. Accessory Uses.

1. Accessory uses shall be permitted which do not alter the character of the premises on which they are located and are not injurious, noxious or offensive to the neighborhood.

2. Subject to the provisions of paragraph 1 of this Section, the following shall be considered as accessory uses in a Residential District.

a. The use of a room or rooms in a dwelling in a Residence district as an office or studio or working room for home occupations by a person resident in the house, provided that no goods are publicly displayed or offered for sale. No sign over one square foot in area shall be permitted.

b. The renting, by a family living in a dwelling in a Residence district, of rooms and the furnishing of table board.

Section XVII. Non-conforming Uses.

1. A non-conforming use is a use incompatible with the regulations for the use district in which it exists.

2. Any building, part of a building or premises which at the time this by-law takes effect, is being put to a non-conforming use may be:

(a) Continued in that use.

(b) Altered or extended for that use only upon a permit by the Board of Appeal, or as ordered by the Building Inspector to make such building or such premises safe.

(c) Changed to a more restricted use; provided that when so changed it shall not be returned to a less restricted use.

(d) Abandoned under the conditions set forth in Paragraph 3 of this Section.

3. The discontinuance of the non-conforming use of any premises for the period of two years shall be deemed to constitute abandonment of such use, and the use of such premises thereafter shall be in accordance with the regulations and restrictions herein provided for uses originating after this by-law takes effect.

Section XVIII. Height Exceptions. Parapets and cornices which do not extend more than four (4) feet above the highest point of the roof beams, enclosures for the machinery of elevators or for tanks which do not exceed ten (10) feet in height, chimneys, ventilators, skylights, or other features usually carried above roofs; domes, towers or spires, if such features are in no way for human occupancy; and ornamental towers, observation towers, water towers, windmills, and like structures, which occupy less than twenty-five (25) per cent of the lot area, may extend above the height limits herein prescribed.

Section XIX. Yard Exceptions. Projecting eaves, chimneys, bay windows, balconies and like projections, which do not project more than three and one-half (3½) feet beyond the line of the foundation wall, and unenclosed steps, unroofed porches and the like, which do not extend nearer to the party line than ten (10) feet, and the top of the rail of which is not more than six (6) feet above ground, may extend beyond the minimum yard requirements herein prescribed.

Section XX. Access to Business or Industrial Buildings.

No driveway or other means of access for vehicles, other than an

accepted street, shall be maintained or used in any Residence district for the servicing of a commercial or industrial building located in a Business or Industrial District.

Section XXI. Reduction of Area. No lot shall be changed in size or shape so that the height, area, yard or coverage provisions herein prescribed are no longer satisfied. This section shall not apply where a portion of a lot is acquired for a public purpose.

Part VI. Administration and Enforcement.

Section XXII.

1. The Inspector of Buildings, or other municipal officer or officers, shall require of every applicant for a license or permit for any construction, alteration or use of any building, structure or premises, for which a permit or license is by law required, such written information, plans, specifications, and other data as shall be deemed necessary for the full and accurate exposition of the proposed construction, alteration or use, with relation to the requirements of this by-law. Such material, so required, shall be kept on file in the records of the officer or officers to whom it is submitted.

2. The Inspector of Buildings, appointed under the building laws, shall not grant a permit for the construction or alteration of any building or structure, if the building or structure as constructed or altered would be in violation of any provision of this by-law. Whenever such permit or license is refused because of some provisions of this by-law, the reason therefor shall be clearly stated in writing.

3. The Board of Appeal, established under the Building Laws of the Town, shall constitute the Board of Appeal under this by-law, and shall have the powers and duties provided for herein and as prescribed by G. L. (Ter. Ed.) Chapter 40, and all amendments thereto.

4. The Inspector of Buildings, with the approval of the Selectmen, may, and if required by them, shall institute appropriate legal proceedings to enforce this by-law and to restrain by injunction any violation thereof.

Section XXIII. Penalty. Any person or persons, who violate any provision of this by-law shall forfeit a sum not to exceed twenty dollars for each offense, which shall be recovered as provided by law and shall enure to the Town.

Section XXIV. Interpretation and Validity.

1. Nothing in this by-law shall be construed as repealing or modifying any existing by-law or regulation of the Town, but shall be in addition thereto.

2. If any provision of this by-law shall be determined to be invalid, the remaining provisions of the by-law not manifestly inseparable from the invalid provision shall continue in force.

Section XXV. This by-law shall take effect upon its approval by the Attorney-General and publication according to law.

Article 6. On motion of Winthrop D. Parker, it was voted that there be placed upon the official ballot used for the election of officers to be held at the next Town Meeting, March 6, 1939, the following question:

"Shall the Zoning By-Law be amended by striking out said Zoning By-Law with all amendments and additions thereto and establish under the authority of Section 25 of Chapter 40 of the General Laws, as amended, the Zoning By-Law as set forth in the warrant?"

On motion of J. Warren Killam, Jr., it was voted to adjourn sine die.

Attest:—

MILLARD F. CHARLES, Town Clerk.

STATE ELECTION

Security Hall, Woburn St., Nov. 8, 1938.

Pursuant to the warrant and the Constable's return thereon a State Election was held at the time and place specified therein and was called to order by Selectman, J. Warren Killam, Jr. The warrant was partially read by the Town Clerk, Millard F. Charles, when it was voted to dispense with further reading except the Constable's return thereon which was duly read. The ballot boxes were examined and declared empty and the keys were delivered to the Constable in charge, J. W. Sias. The ballots were delivered to the Selectman in charge and the polls were duly opened and closed at the hours specified in the warrant and the votes counted in open Town meeting with the following result.

Total number of ballots cast—5164.

Governor

Henning A. Blomen of Cambridge	3
Roland S. Bruneau of Cambridge	1
Jeffrey W. Campbell of Boston	10
James M. Curley of Boston	986
William A. Davenport of Greenfield	6
Otis Archer Hood of Worcester	4
Charles L. Manser of Boston	3
William H. MacMasters of Cambridge	19
Leverett Saltonstall of Newton	4088
George L. Thompson of Randolph	1
Blanks	43

Lieutenant-Governor

Manuel Blank of Boston	11
James Henry Brennan of Boston	940
Horace T. Cahill of Braintree	4116
Freeman W. Follett of Haverhill	8

Joseph S. Massidda of Swampscott	8
George L. McGlynn of Springfield	5
Blanks	76

Secretary

Frederic W. Cook of Somerville	4203
Hugh DeGregory of Springfield	11
Katherine A. Foley of Lawrence	854
Eileen O'Connor Lane of Newton	11
Malcolm T. Rowe of Lynn	6
Blanks	79

Treasurer

Frank L. Asher of Boston	6
Albert Sprague Coolidge of Cambridge	41
Owen Gallagher of Boston	801
John J. Hurley of Revere	60
William E. Hurley of Boston	4157
Ralph Pirone of Lynn	4
Blanks	95

Auditor

Thomas H. Buckley of Abington	1019
Michael C. Flaherty of Boston	42
Horace I. Hillis of Saugus	9
Michael Tuysuzian of Boston	7
Guy S. Williams of Worcester	26
Russell A. Wood of Cambridge	3930
Blanks	131

Attorney-General

Clarence A. Barnes of Mansfield	3675
Paul A. Dever of Cambridge	1366
Joseph C. Figueiredo of New Bedford	4
George F. Hogan of Nahant	6
Alfred Baker Lewis of Cambridge	15
Fred E. Oelcher of Peabody	3
Blanks	95

Congressman, Fifth District

Francis J. Roane of Lowell	660
Edith Nourse Rogers of Lowell	4417
Blanks	87

Councillor, Sixth District

Eugene A. F. Burtnett of Somerville	3840
Edward A. Rose of Somerville	1112
Blanks	212

Senator, Seventh Middlesex District

Joseph R. Cotton of Lexington	4027
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P. Harold Ready of Lowell	994
Blanks	143

Representatives in General Court, 18th Middlesex District

Arthur W. Coolidge of Reading	4075
Gustave W. Everberg of Woburn	3325
William H. Flaherty of Woburn	1338
Thomas J. Power of Woburn	706
Blanks	884

District Attorney, Northern District

Robert F. Bradford of Cambridge	4081
Joseph V. Carroll of Belmont	915
Blanks	168

County Commissioner, Middlesex County

Thomas B. Brennan of Medford	997
Sylvester J. McBride of Watertown	55
Charles C. Warren of Arlington	3924
Blanks	188

Sheriff, Middlesex County

Oliver W. Anderson of Cambridge	26
Michael J. Dee of Cambridge	809
Herbert Harris of Lowell	37
Joseph M. McElroy of Cambridge	4122
Blanks	170

Clerk of Courts, Middlesex County (to fill vacancy)

Edward L. Ford of Cambridge	937
Frederic L. Putnam of Melrose	4046
Blanks	181

Biennial Session of Legislature

Yes	2305
No	1407
Blanks	1452

Free Taxicab Stands

Yes	1351
No	2709
Blanks	1104

Sale of Alcoholic Beverages

Yes	876
No	3783
Blanks	503

Wines and Malt Beverages

Yes	943
No	3677
Blanks	544

Sale of Package Liquors

Yes	1430
No	3321
Blanks	413

Horse Racing

Yes	2060
No	2359
Blanks	745

Dog Racing

Yes	1618
No	2678
Blanks	863

Old Age Pensions

Yes	2879
No	1059
Blanks	1226

The votes were counted, sorted and declared in open Town meeting and meeting adjourned sine die.

Attest:—

MILLARD F. CHARLES, Town Clerk.

RECOUNT FOR REPRESENTATIVES

Municipal Building, November 14, 1938.

The Board of Registrars met and recounted the votes cast at the November 8, 1938 election for candidates to the State Legislature with the following result:

	Recount Election	
Arthur W. Coolidge	4071	4075
Gustave W. Everberg	3312	3325
William H. Flaherty	1341	1338
Thomas J. Power	707	706
Blanks	897	884
	10328	10328

The votes were sealed and delivered to the Town Clerk whereupon it was voted to adjourn sine die.

Attest:—

MILLARD F. CHARLES, Town Clerk.

COMMONWEALTH OF MASSACHUSETTS

County of Middlesex

CITY OF WOBURN

In accordance with the provisions of Section 125, Chapter 54 of the General Laws of Massachusetts, 1932, (Ter. Ed.) the City Clerk of

Woburn and the Town Clerks of Reading and North Reading, being the City and Town Clerks of every city and town in Representative District number eighteen within said County, met at the City Hall, Woburn, at noon on Friday, November 18, A. D. 1938, being the tenth day succeeding the day of the State Election held on Tuesday, November 8, A. D. 1938 and then and there opened, examined and compared the copies of the records of votes cast at said election for the office of Representative, and determined therefrom that Arthur W. Coolidge of Reading and Gustave W. Everberg of Woburn were elected to the office of Representative.

The following is a schedule of the names of all persons for whom votes for Representative were given in said District and the number of votes given for each person, viz:—

Arthur W. Coolidge of Reading, had	
Seven thousand five hundred eight-two	(7582)
Gustave W. Everberg of Woburn, had	
Seven thousand four hundred seventy-five	(7475)
William H. Flaherty of Woburn, had	
Seven thousand forty-one	(7041)
Thomas J. Power of Woburn, had	
Five thousand sixty-eight	(5068)

In witness whereof, we the City Clerk of Woburn and the Town Clerks of Reading and North Reading hereunto set our hands this eighteenth day of November, A. D. 1938.

MARGARET G. FITZGERALD,
City Clerk, Woburn.
MILLARD F. CHARLES,
Town Clerk, Reading.
WILLIAM J. SULLIVAN,
Town Clerk, North Reading.

Received and recorded, November 18, 1938.

Attest:—

MILLARD F. CHARLES,
Town Clerk, Reading.

SPECIAL TOWN MEETING

Security Hall, Woburn St., Dec. 22, 1938.

Pursuant to the warrant and the Constable's return thereon a special town meeting was held at the time and place mentioned therein. The Moderator being absent, on motion of J. Warren Killam, Jr., it was voted to instruct the Town Clerk to cast a ballot for Samuel H. Davis for Moderator, which was done by the Town Clerk and Samuel H. Davis was declared elected Moderator. The Town Clerk proceeded to read the warrant, when partially read, J. Warren Killam, Jr. moved

that further reading be dispensed with except the Constable's return and it was so voted. The Constable's return was then read by the Town Clerk.

Article 1. To hear and act on the reports of Town Officers and special committees and to see what instructions, if any, shall be given Town Officers and special committees.

Article 1. On motion of J. Warren Killam, Jr., it was voted to lay this article on the table.

Article 2. To see if the Town will vote to accept the corpus of the trust of Seventy-Five Thousand (75,000) Dollars under the provisions of clauses eleven and twelve of the will of the late George H. Grouard, together with any increase and undistributed income thereof and to hold such trust estate when received to aid in establishing a hospital as provided by the terms of said will, and to authorize the Town Treasurer to receipt for such trust estate when received and to execute any and all other documents which may be necessary in connection therewith in the name and behalf of the Town, or what it will do in relation thereto.

Board of Selectmen.

Article 2. On motion of J. Warren Killam, Jr., it was voted that the corpus of the trust of Seventy-five thousand (\$75,000) dollars under the provisions of clauses eleven and twelve of the will of the late George H. Grouard, together with any increase and undistributed income thereof, be and the same is hereby accepted, and such Trust Estate when received is to be held to aid in establishing a hospital as provided by the terms of the said will, and the Town Treasurer be and he is hereby authorized and empowered to receipt for such Trust Estate when received and to execute any and all other documents which may be necessary in connection therewith in the name and behalf of the Town.

Article 3. To see what sum the Town will vote to appropriate from available funds and transfer to School Department Maintenance Account, or what it will do in relation thereto.

School Committee.

Article 3. On motion of Frank D. Tanner, it was voted that the sum of \$980.00 be appropriated from the unexpended balance in the School Department General Maintenance Account and that \$391.00 be appropriated from the unexpended balance in the Industrial Tuition Account for the School Department General Maintenance Account, and that the Town Accountant be and he hereby is authorized and instructed to transfer said sums to the said account.

Article 4. To see what sum the Town will vote to appropriate from available funds and transfer to Snow and Ice Account, or what it will do in relation thereto.

Board of Public Works.

Article 4. On motion of Alexander Lindsay, it was voted that the sum of sixteen hundred and eighty-one dollars and fifty-three cents (\$1,681.53) be appropriated from the Interest Account, and transferred to the Snow and Ice Account, and that the Town Accountant be, and he hereby is, authorized and instructed to transfer the said sum to the said account .

Article 5. To see if the Town will vote to raise and appropriate a sum of money for the purpose of repairing damage to the distribution lines of the Municipal Light Department, caused by the recent storm, determine whether the money shall be provided for by borrowing under Clause 9 of Section 8 of Chapter 44 of the General Laws, or by transfer from available funds in the treasury, or what it will do in relation thereto.

Municipal Light Board.

Article 5. On motion of Henry R. Johnson, it was voted that the sum of twenty-five thousand dollars be raised and appropriated for the purpose of repairing damage to the distribution lines of the Municipal Light Department, caused by the recent storm, including work and labor and the purchase of necessary materials, tools, and equipment, and any other incidental expenses pertaining thereto, and to meet said appropriation the Treasurer with the approval of the Selectmen be and hereby is authorized to borrow the sum of twenty-five thousand dollars, and to issue therefor bonds or notes of the Town in accordance with the provisions of Clause 9 of Section 8 of Chapter 44 of the General Laws and Acts amendatory thereof and in addition thereto, so that the whole of said loan shall be paid in not more than one (1) year, or at such earlier time as the Treasurer and the Board of Selectmen may determine, and said bonds or notes shall be signed by the Treasurer and countersigned by the Selectmen.

Twenty-four (24) voted "Yes" and none "No" and it was declared an unanimous vote.

On motion of J. Warren Killam, Jr., it was voted to adjourn sine die.

Attest:—

MILLARD F. CHARLES, Town Clerk.

NOTICE TO PARENTS, HOUSEWIVES, PHYSICIANS AND MIDWIVES

**Your attention is Called to the Section Below Taken from the Revised
Laws—Blank Forms for Return of Births Can Be Obtained of
the Town Clerk**

SECTION 3, CHAPTER 444, ACTS 1897

Section 3. Physicians and Midwives shall on or before the fifth day of each month report to the clerk of each city or town a correct list of all children born therein during the month next preceding, at whose birth they were present, stating the date and place of each birth, the name of the child, if it has any, the sex and color of the child, the name, place of birth and residence of the parents, the maiden name of the mother, and occupation of the father. If the child is illegitimate the name of the father shall not be stated, unless at the joint request in writing of both father and mother, which requests shall be filed with the return of births. The fee of the physicians or midwives shall be twenty-five cents for each birth so reported and shall be paid by the city or town in which the report is made, upon presentation of certificate from the city or town clerk, stating that said births have been reported in conformity with the requirements of this section. Any physician or midwife neglecting to report such list for ten days after it is due shall for each offense forfeit a sum not exceeding twenty-five dollars.

SECTION 6, CHAPTER 444, ACTS 1897

Section 6. Parents and householders shall within forty (40) days after the date of a birth occurring in his house give notice thereof or cause such notice to be given to the clerk of the city or town in which such child is born.

MILLARD F. CHARLES, Town Clerk.

DOGS LICENSED, JAN. 1, 1938 to DEC. 31, 1938.

480	Males @ \$2.00	\$	960.00
79	Females @ \$5.00		395.00
229	Spayed Females @ \$2.00		458.00
7	Kennel Licenses @ \$25.00		175.00
		\$	1,988.00
795	License Fees @ \$.20		159.00
	Balance Due	\$	1,829.00
	April 8, Paid Town Treasurer	\$	248.60
	May 6, Paid Town Treasurer		610.40

May 27, Paid Town Treasurer	248.40
July 8, Paid Town Treasurer	411.40
August 5, Paid Town Treasurer	142.60
September 9, Paid Town Treasurer	33.00
October 14, Paid Town Treasurer	43.20
November 10, Paid Town Treasurer	57.20
December 2, Paid Town Treasurer	23.40
January 2, Paid Town Treasurer	23.40

\$ 1,829.00

MILLARD F. CHARLES, Town Clerk.

SPORTING LICENSES

175 Fishing Licenses	\$ 350.00
78 Hunting Licenses	156.00
31 Hunting and Fishing Licenses	100.75
38 Trapping Licenses	47.50
6 Citizen's Trapping Licenses	31.50
2 Special Three-day Licenses	3.00
1 Alien License	5.25
4 Duplicate Licenses	2.00

* Total Receipts	\$ 696.00
331 Fees @ 25c	\$ 82.75

Total to Pay Fish and Game Division \$ 613.25

Payments

February 8th, Paid Fish and Game Commission	\$ 84.25
March 7th, Paid Fish and Game Commission	11.50
April 5th, Paid Fish and Game Commission	10.00
May 3rd, Paid Fish and Game Commission	185.50
June 6th, Paid Fish and Game Commission	72.50
July 6th, Paid Fish and Game Commission	38.00
September 1st, Paid Fish and Game Commission	41.75
September 8th, Paid Fish and Game Commission	17.75
October 11th, Paid Fish and Game Commission	23.50
November 7th, Paid Fish and Game Commission	77.75
December 8th, Paid Fish and Game Commission	40.25
January 3rd, Paid Fish and Game Commission	10.50

\$ 613.25

MILLARD F. CHARLES, Town Clerk.

BIRTHS REGISTERED IN TOWN OF READING FOR YEAR 1938

Date	Name	Parents
January		
4	William Alexander Morrison	Kenneth O. and Sarah B.
9	Margaret Mary Sumner	William J. and Margaret D.
10	Barbara Ann Muise	John H. and Mary S.
15	Thomas Francis Halpin, Jr.	Thomas F. and Arline M.
18	Patricia Murdock	George J. and Florence M.
19	Helen Amelia Taylor	Wilfred A. and Amelia P.
22	Peter Donald Killam	Albert W. and Jessie W.
22	Patricia Carol Stratton	Elmer B. and Leora G.
25	Josephine Ann Grant	Joseph A., Jr., and Clover M.
February		
1	Charles Manning Blanchard	Charles H. and Flossie M.
1	Richard Calvin Blanchard	Charles H. and Flossie M.
5	Margaret Louise Jarvis	Albert K. and Phoebe H.
6	Mary Dolores Devaney	Lawrence H. and Eleanor L.
7	Arthur Rollins Hathaway	Arthur M. and Anne C.
12	George Crandall Mason	Howard A. and Grace D.
16	Joyce Carol Skane	Richard O. and Rosalie B.
24	Herbert Stanley Clark, 3rd	Herbert S., Jr., and Jennie G.
25	Sharon Ann Connelly	Ross J. and Gertrude F.
28	Florence Elizabeth Hazelton	Jason and Florence H.
28	James Ellis O'Keefe	George A. and Jeanette C.
March		
4	Helen Rosalie Doucette	Edward and Marion M.
5	Janet Elaine Mills	Walter W. and Doris C.
5	Marion Lee Towle	Herbert C. and Helen H.
10	David Peterson Hunter	David R. and Jewell P.
16	Charles Leonard Smith, Jr.	Charles L. and Frances V.
17	Patricia Ann McKenney	John J. and Lena H.
17	Robert Patrick O'Brien	Harold W. and Katherine K.
21	David Neville Batchelder	Edward P. and Marguerite N.
21	Edith Nancy Heselton	Frederick W. and Edith D.
23	Arthur Richard Gray	Donald P. and Elinore H.
26	Joseph Eugene Gallagher	Francis A. and Ethel C.
27	Elizabeth Ann Sullivan	Charles H. and Mary D.
28	John Martin Smith	Martin S. and Marie G.
30	Nancy Jean Burpee	William E. and Thelma M.

BIRTHS REGISTERED IN TOWN OF READING FOR YEAR 1938

Date	Name	Parents
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April

1	James Walter Selfridge	John E. and Catherine M.
6	Arlene Elizabeth D'Orlando	Frank and Arlene V.
6	Jeanne Ellen Merrill	George H. and Lillian R.
11	James Frederick McCauley, Jr.	James F. and Anna H.
14	Charles Franklin Smith	Clayton and Pauline T.
16	Joshua Tyler Day, 3rd	Joshua T., Jr., and Georgia W.
20	Cynthia Anne Hansen	Arthur C. and Mildred T.

May

2	William John Knight, Jr.	William J. and Gertrude W.
5	John Mark Woodman	George G. and Ruth M.
8	Richard Paul Halloran	Nicholas W. and Alice L.
9	Edwin James Doherty, Jr.	Edwin J. and Elizabeth D.
12	David Owen Rhoad	Owen W. and Evelyn B.
13	Bruce Armond Maxwell	Sidney A. and Edna M.
17	Geraldine Ann White	Arthur J. and Dorothea B.
18	Mary Therese Rolfe	Harold W. and Marie P.
22	David Jonathan Skinner	William and Vera D.
25	Delbert Arthur LeFave, Jr.	Delbert A. and Doris L.
27	Richard Alphonsus McHugh	Patrick and Lillian K.

June

3	Donald Francis Ellingwood, Jr.	Donald F. and Mary R.
7	Cynthia Anne Pease	Russell S. and Mabelle P.
10	Carolyn June Elizabeth Gifford	Frank H. and Blanche R.
10	Bradford Herman Pottle	Herman H. and Laura W.
14	June Higgins	Donald and Eleanor W.
14	Samuel Andrews Reis	George and Abigail B.
18	Carol June Moodie	Duncan and Mabel J.
21	Donald Ellsworth Woodland	Raymond B. and Hilda M.
23	Patricia Mae Kimball	Gordon B. and Mae C.
27	Sally Anne White	Harry E. and Nellie H.
30	Eleanor Florence Ring	George E. and Marion C.

July

5	Robert George Surrrette	Anselm E. and Bridget P.
6	Judith Ann Parker	George S. and Mary B.

BIRTHS REGISTERED IN TOWN OF READING FOR YEAR 1938

Date	Name	Parents
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July

14	William Johnson	William J. and Georgena D.
14	Carol Snyder	Ralph E. and Frances S.
15	Jane Carole Hilts	Leland P. and Alma S.
20	Ernest Howard McQuesten, Jr.	Ernest H. and Verna R.
21	Sara Marie Gould	George A. and Sara C.
24	Charles Wayne Merrill	Ashley L. and Natalie D.
27	Jane Priscilla Strout	Charles H. and Alice G.
28	Richard Spellman	Paul R. and Barbara H.

August

5	Susan Lowry Tuthill	Samuel T. and Elizabeth L.
6	John Russell Carter	Russell E. and Ruth T.
9	Joan Frances Bennett	Austin F. and Mary K.
9	Lorraine Elizabeth Jewett	Norman H. and Theresa R.
14	Sally Monroe Brown	Stanley C. and Eleanor M.
17	John Joseph Mellen	Paul F. and Helen N.
19	Donna Lea Stevens	Charles C. and Dorothy T.
22	Roger Irving Stewart	Herbert I. and Etta R.
24	John Rudolph Norden, Jr.	John R. and Margaret K.
26	John Crosswell	Ellsworth and Louise C.

September

1	Marie Pauline Davis	Charles C. and Louise K.
2	Francis Stosez	Joseph P. and Mary T.
7	Judith Rina Stone	Harry and Ida G.
15	Henry Edward Bolton, Jr.	Henry E. and Mildred F.
16	Constance Virginia Dinsmore	Allan B. and Eva M.
17	Robert Stewart Kennedy	Robert F. and Beatrice C.
19	Marie Frances Zanni	Domenick and Mary F.
21	Joseph William Haley	Maurice L. and Catherine H.
26	John Greeley Rideout, Jr.	John G. and Dorothy H.
27	Warren Joseph Surrette	Ernest P. and Susan M.

October

1	Philip Edwin Mason, Jr.	Philip E. and Mary M.
8	Peter Edward Doherty	Joseph P. and Rita A.
8	Kenneth Chester Latham, Jr.	Kenneth C. and Edith H.
11	William Harold McLeod, Jr.	William H. and Marguerite G.

BIRTHS REGISTERED IN TOWN OF READING FOR YEAR 1938

Date	Name	Parents
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October

16	Nancy Bowen	Benjamin C. and Jean G.
18	Alfred Richard Campbell	Donald K. and Ruth F.
18	Daniel Alden Raustis	Daniel and Barbara P.
18	Helen Jane Youd	Frederick and Jane S.
20	Diane Struss	Leigh A. and Ruth W.
21	Marjorie Brown	Ernest E. and Evelyn H.
21	Barbara Helen Henderson	Elmer R. and Grace L.
22	Harvey Jason Richardson	J. Elbridge and Elsa B.
23	Muriel Irene Lord	Edward R. and Hannah S.
27	David Warren Kimball	Warren and Elsie P.
28	Diane Vernon Floyd	John T. Jr., and Barbara V.

November

1	Gail Ann McCarthy	John E. and Rita J.
6	Viola Anne Lawrence	Wilbur F. and Bessie W.
6	McNeil	
7	Deborah Ann Milton	Henry C. and Gladys F.
9	Paul Carl Guiliano	Antonio and Frances F.
11	Annmarié Camacho	Manuel F. and Nora D.
14	Marshall Paul Harris, Jr.	Marshall P. and Dorothy C.
19	Arthur William Cameron	Albert J. and Isabel K.
20	Nancy Jane Denno	Myles A. and Grace M.
21	Thomas Errington Morris, Jr.	Thomas E. and Catherine M.
24	James Thomas Doucette	Joseph L. and Gertrude A.
24	John Pius Hogan	Roderick M. and A. Bernardine K.
24	Carol Ann Ivers	Lester L. and Pauline C.
24	Donna Ruth Sias	John E. and Dorothy B.
28	Verde	Louis S. and Rita S.
30	Francis Curtis Scanlon, Jr.	Francis C. and Alma D.

December

1	John Harrison Turner	Jack T. and Minetta H.
8	Gail Barbara Strasnick	Samuel D. and Dora L.
10	Richard Allan Lucas	Kenneth A. and Doris D.
12	Henry Arthur Shepard	Henry and Dorothy H.
12	Stephen Edwin Tucker	Willis F. and Minnola R.
17	William Henry Davis	Frank L. and Leslee P.

BIRTHS REGISTERED IN TOWN OF READING FOR YEAR 1938

Date	Name	Parents
December		
17	Sandra Carol Putnam	Harold W. and Virginia M.
19	James Riddle Mercer, 3rd	James R., Jr., and Lois H.
20	Peter Russell Taylor	Russell P. and Margaret R.
22	Moskowicz	Signey and Elsie N.
24	William Joseph McMahon	Frederick and Delma D.
28	Francis Galvin	James F. and Alice P.
30	James Donegan	Maurice H. and Doris B.
31	Ernest Richard MacLean	D. Stanton and Verna V.

OMMISSIONS AND CORRECTIONS FOR OTHER YEARS

1868		
Jan. 31	Frank Eaton Leathe	George E. and Mary D.
1871		
Nov. 18	Catherine Frances Whelton	David and Ann W.
1885		
Apr. 21	Ralph Pratt Roberts	Frank A. and Phoebe S.
1889		
Nov. 11	John Edward Doucette	Ramie and Mary D.
1891		
June 12	George Louis Smith	Samuel and Addie D.
1895		
Jan. 7	Abbie Emma McIntyre	Charles S. and Jessie E.
1910		
Nov. 30	James Lavell	William E. and Margaret S.
1922		
Dec. 28	John Edward Frotten	John R. and Frances C.
1932		
Dec. 31	Lucy Patricia Pepe	Joseph and Lucy M.
1937		
Sept. 21	Nancy LaVern Florence	William E. and Edith B.
1937		
Oct. 5	Elaine Charlotte Bedley	Robert A. and Janet A.
1937		
Oct. 23	Dora Ann Meuse	Albert L. and Irene M.
1937		
Nov. 27	Elenor Mary Hogan	Roderick M. and Bernardine K.
1937		
Dec. 21	John Matthew Divan	Eugene S. and Mary K.

MARRIAGES REGISTERED IN TOWN OF READING, YEAR 1938

Date	Name	Age	Occupation	Residence
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Nov. 14, 1937

Arthur Braman Low	24	Clerk	Reading
Helen W. Doner	20	Nurse	Brookline

January

1	Reginald Amback	42	Accountant	Reading
	Dorothea Helena Schmidt	41	School Teacher	Bethune, Colo.
1	George Gerard Rogers	38	Machinist	Reading
	Mary Ellen (Martin) Gorey	38	At Home	Reading
8	Edward William Tasney, Jr.	27	Clerk	Reading
	Elizabeth Schneider	28	Nurse	Dorchester
15	Richard Francis Drew	28	Clerk	Reading
	Ethel M. Condon	28	Bookkeeper	Reading
23	David Carl Beighley	24	Truckman	Reading
	Edna May Gorey	19	Housekeeper	Reading
27	Leland Palmer Hiltz	22	Cook	Reading
	Alma Carr Sias	19	At Home	Reading
28	Francis Curtis Scanlon	25	Factory Employee	Stoneham
	Alma Evelyn Doiron	21	Ediphone Operator	Reading
30	Wilfred Dennis Surrette	36	Diessel Engineer	Chelsea
	Regina Genevieve LeBlanc	29	Housework	Reading

February

2	John Huwe	22	Truck Driver	Reading
	Grace May Hogan	19	At Home	Reading
5	Howard Ernest McQuesten	20	Laborer	Reading
	Verna May Reynolds	19	At Home	Reading
6	George Fletcher Margeson	19	Shoe Worker	Reading
	Bertha Sarah Knight	19	At Home	Reading
6	James W. Wallace	40	Salesman	Wilmington
	Marjorie C. Mobbs	27	Stenographer	Wilmington
12	William Gabriel Cross	42	Salesman	Reading
	Marie Catherine Stangel	27	Checker	Reading
14	Douglas Washington Burhoe	20	Dairyman	Reading
	Mary Rosamond Foster	19	At Home	Reading
14	Kenneth Allan Lucas	33	Civil Engineer	Reading
	Doris Isabella Demars	22	At Home	Reading
17	Francis Holland	30	Sales Supervisor	Belmont
	Barbara Ann Graham	24	Priv. School Teacher	Reading

MARRIAGES REGISTERED IN TOWN OF READING, YEAR 1938

Date	Name	Age	Occupation	Residence
February				
19	Harry Elwin Millett	39	Machinist	Reading
	Charlotte Magoon	25	Shoe Stitcher	Reading
19	George Stevens Parker	25	Chauffeur	Reading
	Mary Emily Burr	20	Shoe Worker	Stoneham
22	Morton Laurence Terhune	23	Contractor	Reading
	Alice Lassell	20	At Home	Reading
22	Charles Frederick Kirk, Jr.	23	Store Manager	Lynn
	Gertrude Louise Fennelly	18	Waitress	Reading
27	Timothy Driscoll	33	Marine Officer	East Boston
	Teresa Regan	28	At Home	Reading
27	Ralph Earl Fitzgerald	34	Wool Carder	Wilton, N. H.
	Katherine H. Kennedy	28	Domestic	Reading
March				
10	Ralph L. Kimball		Shoe Cutter	No. Reading
	Eleanor Sears	20	Necktie Worker	No. Reading
13	Leslie John Haag	38	Meat Cutter	Reading
	Irene (Topping) Allicon	37	At Home	No. Reading
13	Colben Laroe	25	Sectionman	St. Albans, Vt.
	Hilda Yunghans	23	None	Reading
26	Karl Vincent Struss	24	Electrical Work	Reading
	Alberta Edna Louise Hutchings	21	At Home	Cambridge
30	Manuel Ferdinand Comacho	29	Chef	Reading
	Nora Rita Desmond	29	Counter Girl	Reading
April				
2	Charles E. McSheehy	34	Mason	Reading
	Dorothy O. Commo	32	At Home	Reading
10	Ralph Zobel Butters	25	Clerk	Reading
	Barbara Ann Kelly	25	School Teacher	Reading
11	Richard Adelbert Leighton	23	Laborer	Reading
	Gladys Ruth Merrill	25	At Home	Reading
16	Daniel Raustis	21	Repairman	Wakefield
	Barbara Phillips Pierce	23	Clerk	Reading
16	John Wilson Stanley	29	Salesman	Reading
	Virginia Frances Shepherd	25	Secretary	Hyde Park
16	Cecil Irwin Williams	38	Proprietor	Reading
	Margaret Elizabeth Shine	38	Bookkeeper	Medford

MARRIAGES REGISTERED IN TOWN OF READING, YEAR 1938

Date	Name	Age	Occupation	Residence
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April

17	Charles George Fowler	28	Tin Knocker	Reading
	Helen Veronica Traverse	27	Bookkeeper	Somerville
17	Walter Edward Meuse	21	Millhand	Reading
	Dorothy Edna Burns	19	Domestic	No. Reading
19	Donald Alvin Moody	25	Contractor	Wells Beach, Me.
	Esther H. Downs	25	Secretary	Reading
24	James Albert Doucette	60	Rubber Worker	Reading
	Mary Emma (Doucette) Meuse	44	Housekeeper	Reading
24	John Joseph Pattelena	20	Gear Cutter	Woburn
	Marjorie Alice Hurd	19	Clerk	Reading
30	Edward Bowman Halligan	27	Insurance Salesman	Reading
	Hope Roberta Williamson	25	School Com. Clerk	Reading
30	Charles James McKenney	32	Maintenance	Reading
	Florence Edna Rudolph	33	Record Clerk	Reading
30	John Raymond Morse	32	Chauffeur	Newfields, N. H.
	Mary Elizabeth Ballou	27	Waitress	Newfields, N. H.

May

4	Warren Kimball	26	Filling Sta. Operator	Reading
	Elsie Elizabeth Potter	21	At Home	Malden
7	Walter Amos Smith	38	Upholsterer	Reading
	Margurite Rose Saulnier	36	Laundry Worker	Wakefield
15	Kenneth Joseph Castine	26	Office Clerk	Reading
	Sarah Ray	23	Housework	Woburn
15	George Francis Harrow	21	Clerk	Reading
	Marie Louise Blakely	22	Stenographer	Melrose
21	Dominic Marinelli	29	Technician	Malden
	Katherine Zanni	25	At Home	Reading
22	Lloyd H. Campbell	21	Chauffeur	Reading
	Helen L. Zimmerman	19	None	Woburn
28	Hector Lutius Gianascol	37	Meter Specialist	Reading
	Florence Cristabel (Burrows) Hassen	42	Nurse	Reading
28	Malcolm Brown Plummer	22	Draughtsman	Newbury
	Catherine Burpee	20	Stenographer	Reading
28	Harry Ascenzio Rizza	37	Tailor	Reading
	Ruth Marion Connell	44	Housekeeping	Reading

MARRIAGES REGISTERED IN TOWN OF READING, YEAR 1938

Date	Name	Age	Occupation	Residence
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May

30	Arthur Kalinowski	24	Nurseryman	Abington
	Ellen Aurora Sjoberg	20	Housekeeper	Weymouth
31	Ralph Harrison	22	Carpenter	Middleton
	Jennie Gaw	21	At Home	Reading

June

5	John Laulier Murphy	25	Decorator	Reading
	Ann Rita Gorman	21	Manager	Wakefield
6	Lawrence Dennison Kinsley	23	Clerk	Reading
	Anna Amelia Bayliss	29	Saleslady	Melrose
10	Richard Adolphus Dulong	22	Millhand	Reading
	Marion Albertine Ormsby	20	None	Reading
10	Albert M. Kendall	38	Painter	No. Reading
	Gladys M. Holden	39	At Home	No. Reading
11	Edward Sherman Scovill	35	Manager	Reading
	Celia Irene King	23	Clerk	New Haven, Conn.
15	James Glennie Simpson	52	Retired	Winchester
	Mary Ann Fyfe	47	Bookkeeper	Reading
16	John W. Buswell, Jr.	39	Coal and Oil Dealer	Salisbury
	Marion F. (Goodwin) Griffin	38	Ediphone Operator	Reading
17	James Paulsen Giblin	24	Experimental Dept.	Cambridge
	Mary Elizabeth Duncan	26	Clerk	Malden
17	Ralph Thompson Horn	28	Real Estate Mgr.	Winchester
	Jennette Elizabeth Woods	24	Bank Clerk	Reading
19	Allen Strong Kittredge	24	Clerk	Reading
	Dorothy Elizabeth Eaton	23	Stenographer	Reading
21	Howard Ernest Johnston	23	Accountant	Baltimore, Md.
	Ruth Mathieson	22	Musician	Reading
22	George Kinsley Brown	23	Clerk	Reading
	Mary Elizabeth Lewis	24	Telephone Oper.	Reading
24	Roger Cushing Kellogg	24	Salesman	Reading
	Charlotte Nickerson	22	At Home	Melrose
24	Samuel A. W. Peck	31	Teacher	Reading
	Marion L. Hadley	20	At Home	Melrose
25	Richard Booker Chesley	26	Salesman	Reading
	Charlotte Frances Currier	20	At Home	Reading
25	Gordon Lee Colquhoun	31	Accountant	Reading
	Phoebe Frances Mercer	23	Stenographer	Reading

MARRIAGES REGISTERED IN TOWN OF READING, YEAR 1938

Date	Name	Age	Occupation	Residence
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June

25	Vincent Leon DeLong	24	Salesman	Reading
	Genevieve Katherine Olsen	21	Entertainer	Somerville
26	Robert Arthur Grundy	20	Maintenance	Medford
	Ethel Pearl Anderson	22	At Home	Reading

July

2	Richard Lyle Bailey	20	Machinist	Reading
	Elsie Mabel Lord	19	Waitress	Newport, N. H.
2	Harold George Winsor	45	Serviceman	Chelsea
	Winifred J. (Burke) Barnard	38	Nurse	Chelsea
9	Wilfred Henry Andrews	38	Nurseryman	Wilmington
	Elizabeth (MacLellan) Akins	31	At Home	Reading
10	William Henry Dee, Jr.	27	Pharmacist	Reading
	Margaret Mary Dunn	22	Telephone Oper.	Reading
16	John Edward Wilkinson	24	Bank Clerk	Reading
	Barbara Hastings Parker	20	Stenographer	Reading
17	Francis Edward Foley	29	Moulder	Reading
	Helen Catherine Murden	26	Telephone Oper.	Wakefield
27	John Calvin Emery	22	Chauffeur	Wakefield
	Barbara Mae Campbell	18	Clerk	Reading
28	Merrick Anson Dodge	21	Laborer	Reading
	Ethel Margurite Jewell	18	Hairdresser	Reading
30	Francis Edwin Rees	33	Janitor	Reading
	Irene Leontine Comeau	31	Clerk	Andover
30	Michael Viscio	24	Painter	Boston
	Mary Christian Mangone	21	At Home	Medford

August

4	Ellsworth Crosswell	22	Clerk	Reading
	Agnes Louise Clements	23	Nurse	Reading
4	James Thomas Murphy	18	Mechanic	Reading
	Gladys Elaine Killam	18	Waitress	Reading
6	John Edward McCarthy	23	Clerk	Reading
	Rita Madeline Johnson	19	Housework	Reading
7	Richard James Butler	23	Laundry Worker	Dorchester
	Doris Arsenault	25	Salesgirl	Reading

MARRIAGES REGISTERED IN TOWN OF READING, YEAR 1938

Date	Name	Age	Occupation	Residence
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August

12	Neil C. Robinson	34	Teacher	Reading
	Clara Mae Tulin	30	None	Reading
13	Harold James Doucette	25	Rubber Worker	Reading
	Estelle Rose Doucette	25	None	Wakefield
13	Fred J. Grant	49	Shoemaker	Reading
	Grace E. (Williams) Hall	24	Nurse	Reading
14	Martin Menovich	26	Shipping Clerk	Reading
	Sarah Ruth Helman	20	At Home	Chelsea
15	Samuel Foster Symonds	23	Chauffeur	Reading
	Dorothy Ethel Meehan	22	Salesgirl	Stoneham
20	John Joseph Koslouski	22	Meat Cutter	Peabody
	Marion Ruth Hudson	22	At Home	Reading
23	Horace Stephen Plumer	29	Carpenter	Reading
	Mary E. Carter	26	At Home	Wilmington

September

1	Frederick Clyde Johnson	23	Chauffeur	North Reading
	Mildred Ethel Towne	20	At Home	Reading
2	Galvin O. O'Brien	26	Plumber	Reading
	Winifred Pearl Smith	19	None	Stoneham
3	George Harland Lyle	18	Stone Mason	Andover
	Rose Lillian Towne	18	At Home	Reading
5	Henry Lanzillo	29	Dairy Business	Wakefield
	Constance Vivian (Andrews) Moore	28	At Home	Wakefield
6	Wilbur Francis Lawrence	22	Truck Driver	Reading
	Bessie May Wooldridge	19	At Home	Reading
8	William Harold Darling	31	Timekeeper	Lynn
	Lillys Gertrude Parker	28	Clerk	Reading
9	Josiah William Mahaney	26	Funeral Director	Cambridge
	Thelma Ethel Brenton	23	Clerk	Reading
9	Clifford Eugene Reynolds	22	Oil Dealer	Reading
	Ethel Alice Powers	21	At Home	Stoneham
16	Richard Kenneth Mansfield	26	Clerk	Reading
	Dorothy Bethina Bentley	21	At Home	St. John, N. B.
17	Earl Rodney Harper	26	Weaver	Plymouth
	Harriett Parker Ellison	24	Clerk	Reading
18	Sumner Edward Ralston	21	Newspaper Work	Reading
	Clara Thenser Nelson	21	At Home	Reading

MARRIAGES REGISTERED IN TOWN OF READING, YEAR 1938

Date	Name	Age	Occupation	Residence
September				
26	John Berchmans Miller	23	Fry Cook	Reading
	Eva Jane Redmond	19	Waitress	Reading
26	William L. Sullivan	32	Fireman	Cambridge
	Helen Spindler	23	Waitress	No. Reading
30	David John Walsh	53	Machinist	Reading
	May (Martin) Wiley	58	At Home	No. Reading
October				
1	Frank Samuel Gallo	34	Horse Trainer	Lawrence
	Marion Lillian Richardson	21	At Home	Reading
1	Wilfred Roberts Reed	27	Service Engineer	Reading
	Eleanor Cecilia Noonan	25	Clerk	Reading
8	Antonio Cerci	25	Entertainer	Providence, R. I.
	Angelina Trixie Ruggieri	25	Entertainer	Providence, R. I.
8	Edward Joseph Cowhig	29	Caretaker	Revere
	Emma Marchetti	28	At Home	Reading
8	Charles Temple Lawrence	24	Dentist	Peterboro, N. H.
	Virginia Stewart Tucker	26	Registered Nurse	Reading
10	Michael F. Cotter	27	Builder	No. Reading
	Helen V. (Hoffman) Moretti	25	Laundry Worker	No. Reading
12	Carroll Parker Hoyt	28	Clerk	Reading
	Alva Dorothy Hildergard Anderson	34	Clerk	South Boston
14	Edward Albert Dulong	21	W. P. A.	Reading
	Rita Margaret Hubbard	18	Housekeeper	Reading
16	Howard Crossley Fielding	37	Upholsterer	Gardner
	Agnes Bernardine Desmond	27	At Home	Reading
16	John Edward Finn	26	Accountant	Arlington
	Cecelia Eleanor Surrrette	28	Stenographer	Reading
22	Archer Norton Prentiss	26	Insurance	Reading
	Priscilla Crowhurst Buckle	28	Clerk	Wilmington
22	William John Renihan	29	Stock Broker	Medford
	Lois Maud Cheney	28	At Home	Reading
23	Thomas Dixon Palmer	22	Truck Driver	Reading
	Mary Lucy Doucette	25	Waitress	Reading
30	Robert William Shannon	23	Clerk	Reading
	Eloise Anna Quigley	24	Salesgirl	Reading

MARRIAGES REGISTERED IN TOWN OF READING, YEAR 1938

Date	Name	Age	Occupation	Residence
November				
1	Wallace Edward Runge	35	Laborer	Reading
	Rachel (VanHorn) Meuse	21	Housewife	Reading
2	Gates Morton Carney	32	Salesman	Lawrence
	Alice Colby Poole	26	At Home	Reading
2	Earl Averell Kenson	31	Express Driver	Stoneham
	Ruth Elvira Peterson	22	Salesgirl	Reading
5	Harold William Maybury	18	Longshoreman	Reading
	Christine Bennett	17	At Home	Wakefield
6	George Edward Merrill	41	B. and M. R. R. Agent	Reading
	Sarah Elizabeth (Flint) Merrill	49	At Home	Reading
6	William Ambrose Xavier Williams	23	Organist	Reading
	Helen Elizabeth Tibbetts	24	Clerk	Reading
10	Edward Atkinson Richardson	42	Laborer	Reading
	Dorothy Tebeau	30	Inspector Millwork	Reading
13	William Boynton Payne	23	Oil Dealer	Woburn
	Genevieve Margaret Carroll	18	Typist	Reading
17	Albert John Cameron	21	W. P. A.	Reading
	Isabel Kaulback	21	None	Reading
19	Lee Amerle Chase	30	Truck Driver	Cambridge
	Antoinette Guarino	26	Waitress	Reading
20	Horace Alfred Austin	55	Brakeman	Reading
	Helen May Bradbury	37	Clerk	Melrose
23	Andrew Jordan Lomax	27	Laborer	Reading
	Mary Virginia White	18	At Home	Reading
26	George Edmund Gallant	35	Landscape Gardener	Reading
	Mary Celina Melanson	44	At Home	Wakefield
December				
4	Charlton Perley Conrey	26	Salesman	Reading
	Catherine Agnes Sweeney	27	Bookkeeper	Melrose
17	Charles Bailey Weeks	24	Clerk	Boston
	Barbara Wilkins Ives	23	At Home	Reading
20	Walter Herbert Avery	21	Laborer	Reading
	Priscilla Eunice Hatch	17	At Home	North Reading
31	Harry Manley	40	Carpenter	Reading
	Marion Jean Machol	27	Nurse	Wellesley

DEATHS REGISTERED IN TOWN OF READING FOR YEAR 1938

Date	Name	Y	M	D	Cause of Death
Nov. 30, 1937					
	Carrie Stafford	71	2	15	Heart Disease
January					
1	Duncan Stewart	87	10	26	Pneumonia
9	Mary E. (Mallaly) Murphy	80	11	18	Carcinoma
10	Elizabeth (Ritchie) Wakeling	71	2	22	Hemorrhage
12	Nellie French (Brooks) Brooks	78	7	12	Pneumonia
12	James Franklin Twombly	71	8	1	Thrombosis
13	Frederick Swain	74	8	7	Pneumonia
15	Alice V. Galvin	1	10	—	Brain Tumor
17	Harrison S. Knight	71	0	19	Heart Disease
21	Mary Victoria (Portras) Perkins	73	6	9	Hemorrhage
22	Viola M. (Nowe) Wooldridge	51	11	13	Embolism
25	Olga I. (Lindenberg) Austin	53	5	1	Heart Disease
31	Albert Carroll	70	5	31	Pneumonia
31	John M. Shaw	70	11	27	Cardio-Vascular Disease
February					
2	James P. Carleton	67	6	—	Hemorrhage
11	Alexander T. Stewart	77	7	—	Uremic Poisoning
12	Everett W. Ward	15	8	22	Empyema
13	Fred Albert Robertson	65	6	20	Heart Disease
16	Mary A. (Goodwin) Ridlon	82	5	27	Pneumonia
18	Alfred B. Campbell	81	5	27	Thrombosis
24	Frances Lowry	77	9	14	Hemorrhage
26	Leonard W. Dickinson	87	7	3	Heart Disease
26	Ann E. Welch	76	0	16	Intestinal Obstruc.
March					
4	Victor H. Cail	24	9	—	Mastoiditis
5	Albert (Mayers) Kimball	61	1	8	Automobile Acci.
12	Katherine Theresa Marron	85	2	18	Heart Disease
18	Minnie P. (Lampro) Doyle	81	8	3	Hemorrhage
21	Otto G. Scholz	48	7	10	Embolism
25	Richard D. Murray	26	—	—	Leukemia
26	Margaret (Sudron) Gutterson	44	2	26	Carcinoma

DEATHS REGISTERED IN TOWN OF READING FOR YEAR 1933

Date	Name	Y	M	D	Cause of Death
March					
26	Lucy M. (Allen) Nichols	77	5	23	Myocarditis
31	Alice (Chadwick) Maxwell	66	7	11	Cardio-Vascular Disease
April					
5	Mary E. Campbell	70	—	—	Myocardial Dis.
7	Julia Frances (Weston) Martin	89	3	—	Endocarditis
8	Algernon E. DeCoster	58	9	9	Carcinoma
9	Florence (Moore) Anderson	48	11	5	Hemorrhage
16	Lucy W. Parker	77	1	16	Auricular Fibrillation
16	Edith B. (Gleason) Putnam	63	7	16	Chronic Nephritis
19	Abby C. Clapp	93	9	2	Bronchial Asthma
20	Frank Theodore Kendall	37	10	17	Peritonitis
21	Edward L. Milbury	45	0	23	Prostatitis
24	Mary A. (McGregor) Stewart	60	11	14	Carcinoma
30	Chester F. Horton	69	1	30	Hemorrhage
May					
7	Jesse K. Willis	59	11	2	Cardio-Vascular Disease
12	Ernest C. Mooney	48	0	24	Thombosis
13	John Henry Whelton	70	11	13	Carcinoma
22	Edith M. (Peabody) Gerard	68	4	8	Heart Failure
25	Elizabeth L. (Perkins) Williams	63	4	24	Myocarditis
27	Nancy Laverne Florence	0	8	1	Pneumonia
31	John O. Leighton	71	11	26	Coronary Occlusion
June					
2	Frank Lewis McKenney	43	9	6	Stenosis
4	Wilfred L. Porter	34	—	—	Edema
10	Margaret L. (Arnold) Cushman	73	10	28	Hemorrhage
11	Alfred L. Maggi	63	11	21	Paralysis Agitans
13	Edward O. Kenney	56	11	17	Hodgkin's Disease
16	Walter Scott	59	10	14	Hydronephrosis
21	David Doucette	69	8	16	Carcinoma

DEATHS REGISTERED IN TOWN OF READING FOR YEAR 1938

Date	Name	Y	M	D	Cause of Death
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June

21	Ruth (Carter) Kenney	49	11	23	Struck by Train
22	Clara L. (Adams) Wentworth	83	6	—	Hemorrhage
28	Susan A. Berry	77	8	20	Carcinoma
28	Louise Briggs	30	0	28	Fibrosarcoma

July

21	Sara M. (Clougherty) Gould	35	—	—	Dilatation of Heart
22	Mabel J. (Learnard) Dillaway	58	6	12	Carcinoma
23	Sally A. White	0	0	27	Meningitis
25	Joan (Middleton) Fowler	68	5	2	Carcinoma
26	Sadie (Jacobs) Crafts	61	—	—	Tumor
27	Arthur Richard Gray	0	4	4	Meningitis
29	Annie F. (Johnson) Kelsey	80	4	19	Carcinoma
29	Greenleaf Robinson	89	6	29	Hemorrhage
30	Louis W. Brandau	67	4	11	Cardio-Vascular Disease
31	Joseph Ayotte	87	—	—	Myocarditis

August

1	Alfred E. Goodwin	62	0	28	Heart Disease
3	Violet D. (Foster) Burnham	72	2	9	Hemorrhage
3	Effie M. (Judkins) Fish	73	6	18	Hemorrhage
5	Julia Theresa Whelton	78	6	28	Carcinoma
11	Frances Parker (Shute) Blethen	88	6	1	Pneumonia
23	Mary Cecelia (DeCoursey) Doucette	62	—	—	Colitis
28	Infant Croswell	0	0	2	Hemorrhage

September

2	Mary D. (Sweet) Burgess	88	7	29	Myocarditis
6	Infant Stosez	0	0	3	Stenosis
9	Nellie M. Whitney	82	9	3	Pneumonia
11	John Joseph Gallant	66	—	—	Thrombosis
15	Emily J. (Walsh) Hunt	86	8	11	Cystitis
18	Warren Leslie Winslow	57	—	—	Cholecystitis
19	Thomas J. Brogan	65	—	—	Carcinoma

DEATHS REGISTERED IN TOWN OF READING FOR YEAR 1938

Date	Name	Y	M	D	Cause of Death
September					
20	Mary Hutchinson Merrill	78	—	—	Pneumonia
26	Fannie (Abbott) Pecanso	90	6	13	Pneumonia
27	Harriet M. (Russell) Drury	75	5	24	Thrombosis
28	Nettie (Davis) Ellison	80	9	18	Myocarditis
29	Josiah H. Proctor	81	—	—	Carcinoma
October					
7	Jennie W. (Armstrong) Flint	81	8	12	Hemorrhage
8	John Joseph Philbin	60	—	—	Embolism
9	Helen A. Spinney	78	5	12	Carcinoma
9	Angelo Zanni	70	4	2	Automobile Acci.
23	Mary Jane (Perry) Doucette	44	—	—	Carcinoma
23	Charles A. Prescott	68	0	8	Carcinoma
28	Joseph B. Dyer	81	7	10	Thrombosis
November					
1	Henry Thomas Surrette	79	3	16	Pneumonia
3	Annie L. (Sellon) Margeson	70	7	7	Hemorrhage
4	Henry H. Middlemas	79	10	7	Embolism
5	Albertine Louise (Bristol) Evans	72	8	25	Uremia
6	Infant McNeil	0	0	1	Prematurity
10	Abner M. Saunders	71	1	10	Abscess
11	Bertha F. (Turner) Skillen	69	0	12	Cancer
12	George Edward Fogg	76	1	1	Pneumonia
12	Isabelle F. (Johnston) MacLeod	71	6	23	Cardio-Vascular Disease
17	John Harry Linder	43	4	—	Tuberculosis
19	Frank E. Crafts	86	3	3	Myocarditis
29	James Crowell	8	11	9	Automobile Acci.
December					
2	Timothy George Greene	64	—	—	Thrombosis
4	Annie G. (Stover) Carter	68	5	23	Cancer
17	Frances H. (Pimental) Farpelha	69	—	—	Appendicitis
19	Ida R. Whittier	81	6	4	Heart Disease
20	Sarah Eliz. (Woodman) Lee	90	2	11	Cholecystitis
22	Eristina Whittier	85	9	28	Accidental Fall
27	Elmer L. Walker	71	10	20	Carcinoma
30	Clara Russell	73	8	24	Myocarditis

REPORT OF THE BOARD OF SELECTMEN

To the Citizens of the Town of Reading :

The annual report of the Board of Selectmen for the year ending December 31, 1938, is hereby submitted.

At the organization meeting held on March 7, 1938, the Board organized as follows :

J. Warren Killam, Jr., Chairman
Carl W. Goodridge, Secretary
Newell H. Morton
Leon G. Bent, Clerk

Appointments Made in 1938

Board of Registrars—Three years—Robert S. Ralston.

Board of Appeal—Three years—Henry Q. Millett.

Associate Member Board of Appeal—Three years—Dudley B. Killam.

Sealer of Weights and Measures—Carl M. Smith.

Dog Officer—Charles H. Melendy.

Inspector of Buildings—A. Russell Barnes.

Burial Agent—Soldiers and Sailors'—Charles E. Tasney.

Custodian of Soldiers' Graves—Harry A. Turner.

Forest Warden—Hugh L. Eames.

Keeper of the Lock-up—Jeremiah Cullinane.

Supt. of Fire Alarm—Hugh L. Eames.

Inspector of Wires—Albert E. Maxwell.

Gas Inspector—David Taggart.

Game Warden—James T. Putnam.

Inspector of Animals—Bernard Schimpfke.

Moth Superintendent—Henry M. Donegan .

Soldiers' Relief Agent—Charles W. H. Smith.

Custodian of Town Farm—Arthur C. Michelini.

Weighers of Coal and Hay—Thomas E. Brogan, Charles W. Lee, Mabel L. MacKay, Bertha D. MacLellan, Wendell B. Newell, Percy N. Sweetser.

Field Drivers—Arthur W. Bancroft, Adolph S. Larson, Edward E. Nichols.

Fence Viewers—Wendell B. Newell, Carl B. Sawyer, Albert E. Temple.

Committee on Elm Tree Protection—Andrew Christensen, Henry M. Donegan, John F. Sawyer.

Committee on Town Forest—for three years—Orville O. Ordway.

Finance Committee—for three years—Harold B. Currell, Robert M. Folsom, Herbert M. Noyes, G. Lawrence Roberts; Wendell B. Newell appointed to fill vacancy caused by resignation of William A. Haley.

Special Police Officers

John F. Maguire	Reading High School
J. Fred Richardson	Prospect St. School
Sylvanus Thompson	Lowell St. School
Edward McBrien	Center and Union St. Schools
Walter Smith	Junior High School
James L. Healey	Highland School
Henry W. Bryden	Junior High School
William H. Killam	Municipal and Public Library Buildings
Frank F. Strout	Pumping Station
Ralph F. Plouff	
William P. Pierpont	
William H. Manning	
Charles H. Melendy	
Gardner A. Perry	
Robert O. Chesley	Unitarian Church and Community Hall
Thomas F. Classen	
Sidney E. Frederick	Sewerage Pumping Station and Vicinity
Edward E. Harnden	Town Farm Building
Arthur C. Micheline	Town Farm Building
Charles L. Gowing, Jr.	Reading Theatre
Fred Reissle	Junior High School
Daniel J. O'Keefe	Town Dump
J. Edward Black	
Herbert F. Carter	
J. Winthrop Sias	
Frederick W. Burns	Town Forest
Charles L. Cummings	High School
George O'Keefe	
George Hall	
Norman H. Jewett	
Jacob C. Nielson	

Police Department

Two new cars were purchased this year. One was to replace the old cruiser which has traveled upward of forty thousand miles, and the other an additional cruiser, it being the desire of your Board to have two cruising cars on patrol both day and night.

It was necessary to employ two Reserve Officers quite regularly this past year, and occasionally a third Reserve Officer.

The Board recommends that a clerk be appointed to the Department for keeping of records and other necessary clerical work.

Radio

In accordance with a vote at the annual Town Meeting your Board investigated two-way radio equipment in Police and Fire Departments from the Cape to the Berkshires and after receiving bids from all the major equipment companies, purchased R. C. A. equipment for two cruising cars and the Police Station. The radio was in operation about August 22nd, and was of invaluable aid during the hurricane disaster. Your Board now believes the Police Department to be as well equipped as any comparable department.

Ambulance

The ambulance has been used very extensively this year in transporting sick patients to and from various hospitals at the request of local physicians as well as many trips because of accident cases. Your Board has considered at length the advisability of setting up a schedule of charges for the use of the ambulance and undoubtedly will during the year make certain regulations and charges.

Fire Department

The equipment in the Fire Department at the present time is in very good condition with the exception of the Ladder truck. As previous Boards have reported, this piece of equipment is made up of parts from other automobiles all of which were used at the time of installation in the present truck. The truck itself is of 1916 vintage and the motor 1914. Some of the ladders came from the old horse drawn apparatus. Despite the fact that it was necessary to spend this year several hundred dollars to keep the truck in service, it still remains a piece of antiquated fire fighting equipment and your Board strongly recommends its replacement.

Fire Alarm Department

The Fire Alarm Department has functioned most satisfactorily this past year, notwithstanding the fact it was our first experience of weathering a hurricane in New England. The service was restored in a minimum amount of time, despite the fact that many poles and trees were down throughout the system.

The switchboard is taxed beyond its proper capacity and although a change is not imperative at this time, your Board recommends that a new switch-board be installed as soon as the present financial situation is alleviated.

Tree and Moth Department

Due to the Wind Storm on September 21st many trees were destroyed. Your Board desires to plant several hundred trees during the coming year, replacements necessitated by storm damage, and as many additional trees for beautification as our budget will allow.

Our plantings for the last several years have been almost entirely Norway Maple. It is our purpose, however, to replace those lost through the storm with that type of tree that prevails in that particular section.

Projects are being worked under W.P.A. for further extermination of pest known to be destructive among trees.

Town Forest

Thousands of seedlings were planted in the Town Forest during the spring months. Also projects under W.P.A. are being worked in the nature of fire lanes and road building, so as to enable fire apparatus access thereto.

W. P. A.

During the past year W.P.A. projects consisting of surface drains, grading, new flooring laid in both High and Highland Schools, additional water main along Grove Street, from Franklin Street to Strout Avenue, were carried out, also further development of Forest Glen Cemetery, which your Board desires to complete, deeming it a worth while project.

Hearings

Your Board has held four hearings during the year on applications for the storage and sale of gasoline, two having been denied, one granted and one taken under advisement.

The Board wishes to express its appreciation for the co-operation of all Boards, and departmental employees during the past year.

Respectfully submitted,

J. WARREN KILLAM, JR., Chm.
CARL W. GOODRIDGE, Secty.
NEWELL H. MORTON

Board of Selectmen

ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

TOWN OF READING, MASSACHUSETTS

For the year Ended December 31,

1938

ADMINISTRATIVE OFFICERS

School Committee

Dr. Charles R. Wakeling, 25 Linden Street	Term expires 1939
Miss Margaret Canty, 67 Mineral Street	Term expires 1939
Mrs. Esther D. Twombly, 47 Highland St.	Term expires 1940
Howard T. Clinch, 4 Perkins Avenue	Term expires 1940
Irving C. Austin, 180 Prescott Street	Term expires 1941
Frank D. Tanner, Chairman, 124 Oak Street	Term expires 1941

School Committee Office

Grouard House, 25 School Street	Telephone Reading 0180
Open daily, 8:00 a. m. to 5:00 p. m.	Saturday, 9:00 a. m. to 12 m.
Vacations, 9:00 a. m. to 5:00 p. m.	

Superintendent of Schools

Arthur E. Pierce, 76 Vine Street	Tel. Res. 0243; office 0180
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Secretary to Superintendent

Ruth C. Roberts, 228 Woburn Street	Tel. Res. 1083-M; office 0180
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School Committee Clerk

Helen M. Pratt, 47 Mt. Vernon Street	Tel. Res. 0117-M; office 0180
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Supervisor of Attendance

Josephine L. Fowler, 65 Temple Street	Tel. Res. 0488-J; office 0180
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School Physician

Dr. Charles R. Henderson, 220 Woburn Street	Telephone 0580
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School Nurse

*Margaret B. Clewley, 131 Pleasant St., Woburn.

Tel. Res. 0316; office 1475

*Succeeded Mabel M. Brown Jan. 2, 1939.

NO SCHOOL SIGNALS

Fire alarm 2-2 repeated three times.

Street lights turned on for five minutes.

Radio announcement when possible over WNAC and WEEI between
7:00 and 7:45 a. m.

7:15 a. m. for Senior High School; 7:30 a. m. for Junior High School,
grades 5 and 6, and Opportunity School.

8:15 a. m. for Grades 1—4 inclusive, morning session.

12:45 p. m. for Grades 1—4 inclusive, afternoon session.

EVEN WHEN THERE HAS BEEN NO SCHOOL IN THE
MORNING FOR THE FIRST FOUR GRADES, THERE WILL BE
SCHOOL IN THE AFTERNOON UNLESS THE NO-SCHOOL
SIGNAL IS GIVEN.

High School sessions will be called off only in cases of extremely
severe weather or other emergencies. None of the schools will be closed
except in severe weather, but it is hoped that parents will at all times
use discretion as to whether their children should attend, even when the
schools are in session.

SCHOOL CLINICS

Dental, Wednesday and Friday at the Grouard House, 9-12 and 1-4.

Habit, every Tuesday at 2:30 in Nurse's office at High School.

Pre-School, at the Town Building, Room 19, every Tuesday, 2-4 p. m.

Tuberculosis Prevention, by special appointment.

Diphtheria Prevention, by special appointment.

SCHOOL JANITORS

High School:

John Maguire, 21 Fairview Ave. Telephone: 0581-W

Charles Cummings, 22 Haven St.

Mary L. Kennedy, 89 Washington St. 0294

Junior High School:

Henry W. Bryden, 64 Village St. 1567-W

Walter Smith, 36 Temple St. 1445-M

Fred Reissle, 10 King St. 1199-M

Agnes Hurley, 23 King St.

Highland School:

James L. Healey, 201 West St. 0047-M

Arthur H. Cook, 194 High St.

Emma Tibbetts, 25 School St. 0460-M

Center and Union Street schools:

Edward McBrien, 213 Forest St. 0228

Prospect St. and Chestnut Hill schools: Leander Smith,

193 High St. 1325

Lowell St. School: Sylvanus L. Thompson, 14 Intervale Ter. .. 0827

SCHOOL SCHEDULE

January, 1939 to June, 1940, Inclusive

Schools open	January 3, 1939
Winter Vacation week of	February 20, 1939
Spring Vacation week of	April 17, 1939
No Sessions :	
Memorial Day	May 30, 1939
Schools close for summer	June 21, 1939

Schools open	September 6, 1939
No Sessions :	
Columbus Day	October 12, 1939
Teachers' Convention	About October 27, 1939
Thanksgiving Recess from noon November 22, 1939 to November 27, 1939	
Christmas Vacation from noon December 22, 1939 to January 3, 1940	
Winter Vacation week of	February 18, 1940
Spring Vacation week of	April 14, 1940
No Sessions :	
Memorial Day	May 30, 1940
Bunker Hill Day	June 17, 1940
Schools close for summer	June 21, 1940

REPORT OF THE SCHOOL COMMITTEE

To the citizens of the Town of Reading, the School Committee submits its annual report:

The School Committee operated within its budget during the past year and turned back a small amount to the town.

Bare operating cost was again the financial policy of the Committee.

Ground was broken in December of 1938 for a new grade school building on Pearl street in the east side of the town; upon completion of the building the Center and Union schools will be closed. It is hoped that the new building will be ready for occupancy in January of 1940.

The report of the Superintendent of Schools explains many of the policies of the School Department. The Committee urges the citizens to study it.

The terms of Miss Margaret Canty and Dr. Charles R. Wakeling expire this year.

Respectfully submitted,

IRVING C. AUSTIN
MARGARET S. CANTY
HOWARD T. CLINCH
ESTHER D. TWOMBLY
DR. CHARLES E. WAKELING
FRANK D. TANNER, Chairman.

RECEIPTS NOT FROM TAX LEVY —SHOWING NET COST TO TOWN

1938	General Account:	Estimate 1939
\$233,870.83	Total Expenditure	\$235,872.00
	Receipts:	
\$ 17,360.00	State Reimbursement on teachers	\$ 17,410.00
15,712.85	Tuition	15,355.08
	Due 1938 but not received	969.60
33,197.83	Sundry	125.00
		33,859.68
\$200,673.00	NET COST TO TOWN	\$202,012.32

School Lunches:

\$ 10,369.14	Receipts	\$ 12,000.00
9,930.77	Expenditure	12,000.00*
\$ 438.37	NET GAIN TO TOWN	
	NET COST TO TOWN	

Industrial Tuition:

\$ 1,173.05	Total Expenditure	\$ 1,350.00
	Receipts:	
678.41	State Reimbursement	520.34
\$ 494.64	NET COST TO TOWN	\$ 829.66

* In 1938 the Lunches were under town appropriation for only nine months; in 1939, however, it will be for ten months.

SCHOOL DEPARTMENT BUDGET—1939

Est. Appro. 1939	Detail	Expended 1938
SALARIES:		
\$168,622.00	Supt. and Teachers	\$165,858.74
1,600.00	Substitutes	1,021.50
17,504.00	Janitors	17,792.09
537.50	Attendance Officer	500.00
1,837.50	Nurse	2,562.50
1,000.00	Medical Inspection	1,000.00
378.00*	Lip-reading	281.00
<hr/>		<hr/>
\$191,479.00	TOTAL SALARIES	\$189,015.83
MAINTENANCE:		
General Control:		
\$ 350.00	Supt.'s Office Supplies	\$ 357.50
460.00	Research and Professional Study	304.17
50.00	Research—Office Expense	51.83
525.00	Travel Expense	549.02
145.00	Printing	76.50
100.00	Census	100.00
300.00	Other Expenses	307.12
370.00	Grouard House—Operation	339.87
175.00	Grouard House—Maintenance	224.41
50.00	Grouard House—Capital Outlay	27.87
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\$ 2,525.00	Total General Control	\$ 2,338.29
Instruction:		
\$ 745.00	Supervision Expense	\$ 579.20
301.00	Principal's Office Expense	240.55
2,845.00	Textbooks	3,375.15
5,142.00	Supplies	4,568.29
706.00	Supplementary Books	1,539.26
285.00	Commencement	273.29
817.00	Other Expenses	615.70
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\$ 10,841.00	Total Instruction	\$ 11,191.44
Operation of Plant:		
\$ 1,965.00	Janitors' Supplies	\$ 1,869.29
6,294.00	Fuel	6,205.16
1,126.00	Water and Sewer	1,070.39
1,915.00	Electricity	1,908.10
442.00	Gas	431.67
504.00	Telephone	504.36

Est. Appro.		Expended
1939	Detail	1938
300.00	Other Expenses	257.06
80.00	Freight and Drayage	24.13
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\$ 12,626.00	Total Operation of Plant	\$ 12,270.16
	Maintenance of Plant:	
\$ 2,432.00	Grounds	\$ 1,887.68
2,405.00	Buildings	851.98
834.00	Service Systems	1,548.14
337.00	Plumbing	254.79
389.00	Instructional Apparatus	787.00
28.00	Furniture	33.04
216.00	Other Expenses	214.80
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\$ 6,641.00	Total Maintenance of Plant	\$ 5,577.43
	Capital Outlay:	
\$ 592.00	Alterations and Additions	\$ 339.95
847.00	Furniture	1,597.07
1,321.00	Instructional Apparatus	2,334.91
171.00	Other	527.26
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\$ 2,931.00	Total Capital Outlay	\$ 4,799.19
	Auxiliary Agencies:	
\$ 8,100.00	Transportation	\$ 8,104.21
312.00	Tuition	221.15
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\$ 8,412.00	Total Auxiliary Agencies	\$ 8,325.36
	Coordinate Activities:	
\$ 100.00	Compulsory Attendance	\$ 100.00
35.00	Medical Service	35.96
282.00	Nurse Service	217.17
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\$ 417.00	Total Coordinate Activities	\$ 353.13
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\$ 44,393.00	TOTAL GENERAL MAINTENANCE	\$ 44,855.00
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\$235,872.00	GRAND TOTAL	\$233,870.83
\$ 1,350.00	INDUSTRIAL TUITION	\$ 1,173.05
\$ 12,000.00	SCHOOL LUNCHES	\$ 9,930.77

CHANGE IN PERSONNEL—1938

Left:

Hope R. Williamson	School Committee Clerk	April
Edward P. Batchelder	High School—Teacher-Coach	June
Arline C. Burnham	Highland School	June
Margaret B. Clewley	Special Nurse	June
Cecilia A. Dunlop	Union Street School	June
Helen M. England	High School—English	June
Phoebe Mercer	Clerk—Jr. High	June
Dorothy W. Randall	Jr. High—English	June
Chester G. Seamans	High School—Latin	June
Ruth E. Wetmore	Jr. High—Household Arts	June
J. Fred Richardson	Prospect Street—Janitor	Sept.
Marjorie V. Smith	Center School	Oct.
Verna L. Wadleigh	Elementary Supervisor	Oct.
**Mabel M. Brown	Director of Health	Dec.

Appointed:

Helen M. Pratt	School Committee Clerk	April
Grace E. Storti	Clerk—School Department	April
Evelyn Durgin	Center School	Sept.
Albert H. Holgerson	High School—Teacher-Coach	Sept.
Florence C. Pratt	Center School	Sept.
Helen F. Schellenberg	Jr. High—Household Arts	Sept.
Leander Smith	Prospect Street—Janitor	Sept.
Arthur L. Spencer	High School—Latin	Sept.
Russell P. Taylor	High School—English	Sept.
Maud E. Adlington	Elementary Supervisor	Oct.
*Frances Haskins	Highland School	Oct.
Olive L. Joney	Center School	Oct.
Edward T. Durant	Jr. High—English	Nov.

* Substitute for year 1938-1939.

**Mrs. Margaret B. Clewley succeeded Miss Brown Jan. 2, 1939.

TEACHERS IN SERVICE, DECEMBER 31, 1938, WHERE EDUCATED, YEAR APPOINTED

Showing Attendance and Enrollment for Year Ending June, 1938
and Enrollment for October 1, 1938

School	Name of Teacher	Year Appointed	Grade, or Subjects Taught	Graduate of	Total Membership	Average Attendance	Per cent of Attendance	Enrollment Oct. 1, 1938
High.....	Arthur E. Pierce.....	1934	Superintendent of Schools.....	*Dartmouth, Mass. State, B.S.; Harvard, Ed.M.	2,433	2,247.93	92.28	2,277
	Ruth C. Roberts.....	1935	Sec'y to Superintendent.....	*Boston Univ., A.B.....				
	Helen M. Pratt.....	1936	School Committee Clerk.....	*Reading High School.....				
	Grace E. Storti.....	1938	Clerk.....	Burdett College.....				
	Josephine L. Fowler.....	1935	Supervisor of Attendance.....	Buffalo Normal School.....				
	Maud E. Adlington.....	1936	Elementary Supervisor.....	*Simmons.....				
	L. Reginald A. Kibbe.....	1936	Art Supervisor.....	*Mass. School of Art, B.S.E.....				
	Philip W. Athoff.....	1927	Dir. Phys. Ed. and Athletics.....	Springfield College, B.P.E., M.Ed.....				
	Mabel M. Brown***.....	1921	Director of Health.....	*Boston Univ., B.S.Ed.; Mass. Memor. Hosp.....				
	Charles R. Henderson, M.D.....	1918	School Physician.....					
	Doris J. Thomas.....	1937	Lip-Reading.....	Mt. Holyoke, A.B., A.M.; N. E. Sch. Speech Read., Cert.....				
	Rudolf Sussmann.....	1917	Principal.....	*Conn. State College; Boston Univ., B.S.Ed.....	596	547.19	92.59	635
	Myrtle W. Tilton.....	1926	Secretary.....	Reading High School.....				
	Elizabeth A. Batchelder.....	1916	Com'l Eng., Cif. Train. and Law	*Salem Normal; Boston Univ., B.S.Ed.....				
	Elva A. Buckley.....	1924	Shorthand and Type.....	*Bay Path Inst.; Boston Univ., B.A.....				
	Mary E. Devaney.....	1937	English.....	*Radcliffe, A.B.; Boston Univ., A.M.....				
	A. Imrie Dixon.....	1930	History.....	Ohio Wesleyan, A.B.; Harvard, M.A.....				
	Alberta F. Drury.....	1917	Bookkeeping and Penmanship.....	*Pose Normal; Salem Normal.....				
	Helene M. Ernst.....	1931	German, History.....	*Radcliffe, A.B.....				
	Joseph F. Fitzgerald.....	1920	History, Geometry.....	*Bowdoin, A.B.; Boston Univ., A.M.....				
	Juke Halpin.....	1922	Mathematics.....	Boston Univ., B.S.Ed.....				
	Albert H. Holgerson.....	1938	Coach, History.....	Boston Univ., B.S.....				
	Elizabeth J. MacIver.....	1935	Shorthand, Type, Com'l Geog.....	*Boston Univ., B.S.....				
	Florence G. Nichols.....	1929	Physical Ed.—High and Elem.....	*Sargent School; Boston Univ., B.S.Ed.....				
	Samuel A. W. Peck.....	1931	Music—High and Jr. High.....	*Boston Univ., A.B., M.A.....				
	Frederick J. Pope.....	1922	Chemistry and Physics.....	Colby, B.S.; Harvard, Ed.M.....				
	Marian T. Pratt.....	1919	French, History.....	*Wellesley, B.A.....				
	Carmen Simon.....	1928	French, English.....	*Boston Univ., B.A., M.A.....				
	Arthur L. Spencer.....	1938	Latin.....	*Boston Univ., A.B.....				
	Hubert B. Stanwood.....	1937	Shorthand, Type, Com'l Geog.....	*Salem Teachers' College, B.S.Ed.....				
	Russell P. Taylor.....	1938	English.....	*Bates College, A.B.....				
	Herman T. Wheeler.....	1924	Occup., Orientation.....	*Mass. State College, B.S.....				
	Jean M. Wiens.....	1935	English and Public Speaking.....	*Univ. of Wisc., B.A.; Emerson College, B.L.I.....				
	Helen R. Zimmerman.....	1937	Biology, Practical Science.....	*Wellesley, B.A.; Purdue Univ., M.S., Ph.D.....				

*Have taken courses for professional advancement in 1938.

**Substitute teacher.

***Mrs. Margaret B. Clewley succeeded Miss Brown, January 2, 1939.

School	Name of Teacher	Year Appointed	Grade or Subjects Taught	Graduate of	Total Membership	Average Membership	Average Attendance	Per cent of Attendance	Enrollment Oct. 1, 1938
Jr. High.....	Robert F. Perry.....	1935	Principal.....	*U. S. Naval Academy, B.S.	645	609.68	566.82	92.90	562
	George D. Anderson.....	1926	Asst. Prin., Math.....	*Boston Univ., S.B., A.M.; Harvard Grad. Sch., Ed.M.					
Highland.....	Natalie Cate.....	1935	Secretary.....	*Reading High School.....	645	609.68	566.82	92.90	562
	Helen B. Bean.....	1931	English.....	Wellesley, A.B.					
	Harriet S. Beattie.....	1936	Art.....	*Mass. School of Art, B.S.Ed.					
	Marjorie Brier.....	1937	Household Arts.....	Framingham Teachers' College, B.S.Ed.					
	Marion D. Day.....	1925	Science.....	Beverly High School.....					
	Edward T. Durant.....	1938	English.....	Bowdoin, A.B.; Univ. of New Hampshire, M.A.					
	Lynnan E. Eancy.....	1918	Shop.....	Mass. Normal Art.....					
	Grace M. Harriman.....	1928	Social Studies, Math.....	*Radcliffe, A.B.; Harvard Grad. Sch., Ed.M.					
	Walter E. Hawkes.....	1933	Physical Ed., Hygiene.....	*Springfield College, B.S.					
	Grace N. Hedfron.....	1930	English.....	Tufts, A.B.					
	Genevieve P. Hook.....	1931	French, Latin.....	*Univ. of Vermont, A.B.; Radcliffe, A.M.					
	Louise B. Jenkins.....	1920	Social Studies.....	*Bridgewater Normal; Boston Univ., B.S.Ed.					
	Inez H. Lewis.....	1923	Mathematics.....	Gorham Normal.....					
	Roderick E. Macdonald.....	1937	Shop.....	Fitchburg Teachers' College, B.S.Ed.					
	Mary Mercadante.....	1937	Business Training.....	*Salem Teachers' College, B.S.Ed.					
	Clifford R. Nelson.....	1937	General Science.....	*Boston Univ., B.S.Ed.					
	Claudia Perry.....	1928	English.....	*Radcliffe, A.B.					
	Victor E. Pitkin.....	1933	Social Studies.....	*Clark Univ., A.B., A.M.					
	Anna M. Reck.....	1928	Math., Eng., Soc. Studies.....	Radcliffe, A.B.					
	William A. Rich.....	1928	Math., Soc. Studie.....	*Salem Normal; Boston Univ., B.S.Ed.					
	Neil C. Robinson.....	1936	Social Studies.....	*Mass. State College, B.S.					
	Helen F. Schellenberg.....	1938	Household Arts.....	*Lassell Junior College; Keene, N. H. Normal, B.S.Ed.					
	Margaret E. Tyacke.....	1926	Phys. Ed., Hygiene.....	Harvard Summer School.....					
	Helena Markham.....	1934	Grades 3 and 4.....	Framingham Normal.....					
	M. Grace Wakefield.....	1890	Principal, Hld., Center, Union.....	Salem Normal.....					
	Alice L. Aserault.....	1933	Secretary.....	*Reading High School.....					
	Dorothy A. Allard.....	1927	Grade 5.....	*Salem Normal.....					
	Lillian F. Brann.....	1930	Grade 5.....	*Farmington Normal, 1 year.....					
	Marjorie H. Buckle.....	1927	Physical Education.....	*Posse-Nissen.....					
	Jean M. Butters.....	1936	Grade 5.....	*Salem Teachers' College, B.S.Ed.					
	Matilda J. Gamble.....	1920	Grade 5.....	Woburn High School.....					
	Carolyn C. Grace.....	1919	Grade 6.....	North Adams Normal.....					

TEACHERS IN SERVICE, DECEMBER 31, 1938, WHERE EDUCATED, YEAR APPOINTED—Continued

Showing Attendance and Enrollment for Year Ending June, 1938
and Enrollment for October 1, 1938

School	Name of Teacher	Year Appointed	Grade or Subjects Taught	Graduate of	Total Membership	Average Membership	Average Attendance	Per cent of Attendance	Enrollment Oct. 1, 1938
Crip- pet	Harriet Fall	1937	Grade 3 and 4	Bridgewater Normal; Boston Univ., B.S.Ed.	29	27.72	26.10	93.97	27
	Ellen F. Farney	1937	Grade 5	Wellesley, A.B.; Boston Univ., M.Ed.	34	32.33	29.89	92.45	27
	Frances Faskins*	1935	Grade 6	Presque Isle Normal	33	32.29	30.18	93.46	35
	Mary T. MacLean	1935	Grade 6	*Emmanuel College, A.B., Boston Univ., M.Ed.	26	22.97	21.57	93.92	25
	Florence A. Jetter	1926	Grade 5	Plymouth Normal	37	36.81	34.45	93.60	33
	Annie W. Q. Allen	1916	Grade 6	Salem Normal	28	27.35	25.70	93.96	36
	Margaret A. Sullivan	1934	Grade 6	*Lowell Normal	33	32.95	29.64	90.00	34
	Florence V. Thibault	1931	Grade 6	*Plymouth Normal; Boston University	27	24.39	22.27	91.29	24
	Margaret E. Whittier	1916	Music—Grade 1-5	*Salem Normal	17	14.79	13.44	90.83	13
	Helen D. Stokely	1930	Opportunity	*Salem Normal	28	24.63	22.35	90.76	32
Union	Dorothy L. Burgess	1926	Grade 1	*Levy Normal	31	28.46	25.96	90.94	25
	Dorothy L. Croft	1933	Grade 2	*Lowell Teachers' College, B.S.Ed.	33	28.52	25.97	91.09	33
	Erlyn L. Duggin	1938	Grade 3	*Lowell Teachers' College, B.S.Ed.	34	32.44	30.24	93.25	31
	Oliver L. Joney	1938	Grade 4	Worcester Teachers' Coll.	41	36.57	33.66	92.02	32
	Oliver S. Perry	1916	Grade 5	*Worcester Kindergarten School	44	39.11	35.85	91.53	36
	Florence C. Pratt	1938	Grade 5	*Bridgewater Teachers' Coll., B.S.Ed.	28	25.30	23.80	93.73	25
	Gleura A. Low	1919	Grade 2	*Hyannis Normal; Emerson College	35	31.66	27.81	87.87	32
	Velma E. Ferris	1927	Grade 1	*Perry Kindergarten School	34	31.23	27.72	89.79	32
	Alberta R. Matheson	1924	Grade 2	*Fitchburg Teachers' College, B.S.	34	31.27	28.19	89.79	32
	Ruth L. Montgomery	1937	Grade 1	*Danvers High School	39	34.29	31.94	93.12	30
Lowell	Nellie P. Beaton	1920	Grade 4, Principal	*Bridgewater Normal	40	34.56	31.95	92.39	33
	Jessie L. Goddard	1926	Grade 2	*Bridgewater Teachers' Coll., B.S.Ed.	43	36.65	32.63	87.41	35
	Isabel L. Winchester	1937	Grade 3	*Salem Normal	41	33.82	31.39	92.77	31
	Ada E. Dow	1909	Grade 3, Principal	*Lowell Normal; Emerson College	35	32.64	30.11	92.18	30
	Alice D. Perry	1927	Grade 1	*Bridgewater Normal	33	37.23	33.21	89.18	40
	Doris R. Cleary	1927	Grade 2	*Salem Normal	36	31.98	28.97	90.61	39
	Fdina M. Lowbury	1930	Grade 4	*Salem Normal	36	32.44	29.65	91.40	29
	Irene Royce	1928	Grades 1 and 2, Principal	*Arostook State Normal	30	26.10	23.75	90.98	29
	Ethel P. Smith	1936	Grades 3 and 4	*Lyndon State Normal; Boston Univ., B.S.Ed.	36	34.17	32.14	94.09	31
Prospect	Harriet Fall	1937	Grade 3 and 4	Bridgewater Normal; Boston Univ., B.S.Ed.	29	27.72	26.10	93.97	27
	Ellen F. Farney	1937	Grade 5	Wellesley, A.B.; Boston Univ., M.Ed.	34	32.33	29.89	92.45	27
	Frances Faskins*	1935	Grade 6	Presque Isle Normal	33	32.29	30.18	93.46	35
	Mary T. MacLean	1935	Grade 6	*Emmanuel College, A.B., Boston Univ., M.Ed.	26	22.97	21.57	93.92	25
	Florence A. Jetter	1926	Grade 5	Plymouth Normal	37	36.81	34.45	93.60	33
	Annie W. Q. Allen	1916	Grade 6	Salem Normal	28	27.35	25.70	93.96	36
	Margaret A. Sullivan	1934	Grade 6	*Lowell Normal	33	32.95	29.64	90.00	34
	Florence V. Thibault	1931	Grade 6	*Plymouth Normal; Boston University	27	24.39	22.27	91.29	24
	Margaret E. Whittier	1916	Music—Grade 1-5	*Salem Normal	17	14.79	13.44	90.83	13
	Helen D. Stokely	1930	Opportunity	*Salem Normal	28	24.63	22.35	90.76	32
Ches. Hill	Dorothy L. Burgess	1926	Grade 1	*Levy Normal	31	28.46	25.96	90.94	25
	Dorothy L. Croft	1933	Grade 2	*Lowell Teachers' College, B.S.Ed.	33	28.52	25.97	91.09	33
	Erlyn L. Duggin	1938	Grade 3	*Lowell Teachers' College, B.S.Ed.	34	32.44	30.24	93.25	31
	Oliver L. Joney	1938	Grade 4	Worcester Teachers' Coll.	41	36.57	33.66	92.02	32
	Oliver S. Perry	1916	Grade 5	*Worcester Kindergarten School	44	39.11	35.85	91.53	36
	Florence C. Pratt	1938	Grade 5	*Bridgewater Teachers' Coll., B.S.Ed.	28	25.30	23.80	93.73	25
	Gleura A. Low	1919	Grade 2	*Hyannis Normal; Emerson College	35	31.66	27.81	87.87	32
	Velma E. Ferris	1927	Grade 1	*Perry Kindergarten School	34	31.23	27.72	89.79	32
	Alberta R. Matheson	1924	Grade 2	*Fitchburg Teachers' College, B.S.	34	31.27	28.19	89.79	32
	Ruth L. Montgomery	1937	Grade 1	*Danvers High School	39	34.29	31.94	93.12	30
Ches. Hill	Nellie P. Beaton	1920	Grade 4, Principal	*Bridgewater Normal	40	34.56	31.95	92.39	33
	Jessie L. Goddard	1926	Grade 2	*Bridgewater Teachers' Coll., B.S.Ed.	43	36.65	32.63	87.41	35
	Isabel L. Winchester	1937	Grade 3	*Salem Normal	41	33.82	31.39	92.77	31
	Ada E. Dow	1909	Grade 3, Principal	*Lowell Normal; Emerson College	35	32.64	30.11	92.18	30
	Alice D. Perry	1927	Grade 1	*Bridgewater Normal	33	37.23	33.21	89.18	40
	Doris R. Cleary	1927	Grade 2	*Salem Normal	36	31.98	28.97	90.61	39
	Fdina M. Lowbury	1930	Grade 4	*Salem Normal	36	32.44	29.65	91.40	29
	Irene Royce	1928	Grades 1 and 2, Principal	*Arostook State Normal	30	26.10	23.75	90.98	29
	Ethel P. Smith	1936	Grades 3 and 4	*Lyndon State Normal; Boston Univ., B.S.Ed.	36	34.17	32.14	94.09	31

REPORT OF THE SUPERINTENDENT OF SCHOOLS, 1938

To the School Committee,
Reading, Massachusetts

Dear Sirs:

I present herewith my fifth annual report, it being the forty-sixth of the series of annual reports made by the Superintendent of the Public Schools of this town.

The year has been a happy one, and has, I am sure, seen further progress. The staff, however, is not complacent regarding our general situation. We know that we have made some gains, but we realize that there are still many weaknesses to overcome. Some of them we can correct through our own effort. Others will require added building facilities, added personnel, or are dependent upon other factors that are more or less out of our control.

Many people have asked me questions about our methods of selecting teachers, and also about what is done to maintain and improve instruction standards. I shall, therefore, start my report with some information on those points.

TEACHER SELECTION

Reading has each year a considerable turnover in its teaching force, though it is not now as great as it was while the salary cut was in effect. It is essential to the efficiency of the schools that we secure, to take the place of those who leave, teachers who are the best that can be attracted by our salary schedule. How do we attempt to bring this about?

The Reading School Committee has insisted and does insist that the Superintendent recommend to it the best teachers he can find. The only factors considered are those that directly pertain to teaching ability,—personality, character, health, training, experience, etc. This is a most wholesome situation, especially when one realizes that partisan politics and other factors that have no relation to teaching ability do play such a large part in teacher selection in many communities.

To insure adequate training and experience, the Committee has included in its rules and regulations the following policy:

"In so far as possible, the Superintendent shall recommend for election only teachers who have had the equivalent of at least a four-year training in a recognized teacher-training institution, and, further, who have had classroom experience as a regular teacher for the equivalent of at least one year and preferably two."

The Superintendent carries out his logical and legal function of selecting teachers to recommend to the Committee, with the above policies as his guide. What are the usual steps in that selection?

Quite a number of candidates apply either in person or by mail for teaching positions in our schools. Each one is required to fill out a regular application blank. When the information on the blank indicates that the person would meet our qualifications, reference blanks are sent to those persons whom the candidate has listed as best informed concerning his training, experience, background, character, personality, health etc. A folder of information is thus made up for each candidate and is filed until such time as there is a vacancy.

When a vacancy arises, the papers of those candidates who might meet the needs of the position are taken from the files. Then, in order to broaden the field of possibilities, various teachers' agencies and the placement offices of teacher-training institutions are requested to send papers on candidates whom they would be willing to recommend.

The Supervising Principal, the Elementary Supervisor in the case of the elementary grades, and the Superintendent then make a careful study of all papers,—there may be from ten to one hundred of them, depending upon the position—and decide which persons should be interviewed as possible candidates. Those selected are invited to be interviewed by the Superintendent and the principal or supervisors affected.

As a result of the interviews and the conferences following them, the several candidates who seem to be outstanding are selected as ones to be visited at work. The observation of a teacher actually at work in his classroom gives the best measure of his ability. The selected candidates are, therefore, visited by the supervisory officers, except, of course, when a vacancy has to be filled during the summer vacation.

Then comes a further conference. The person who in the judgment of the supervisory officers seems to be the most desirable one is selected. That is the person whose election the Superintendent recommends to the School Committee, at the same time presenting information regarding him.

The process is a painstaking and time-consuming one, yet it is worth it. It is the Superintendent's most important job. He is charged by the School Committee to see to it that the schools are good. Good schools can exist only where there are good teachers.

In-Service Growth of Teachers

The selection of the teacher has now been made; he is a member of the staff. Now it is important that provisions be made to help him toward further and continuous growth in teaching proficiency, with all that is necessary to and implied by that proficiency,—personality, technique, knowledge, etc. What are some of these provisions?

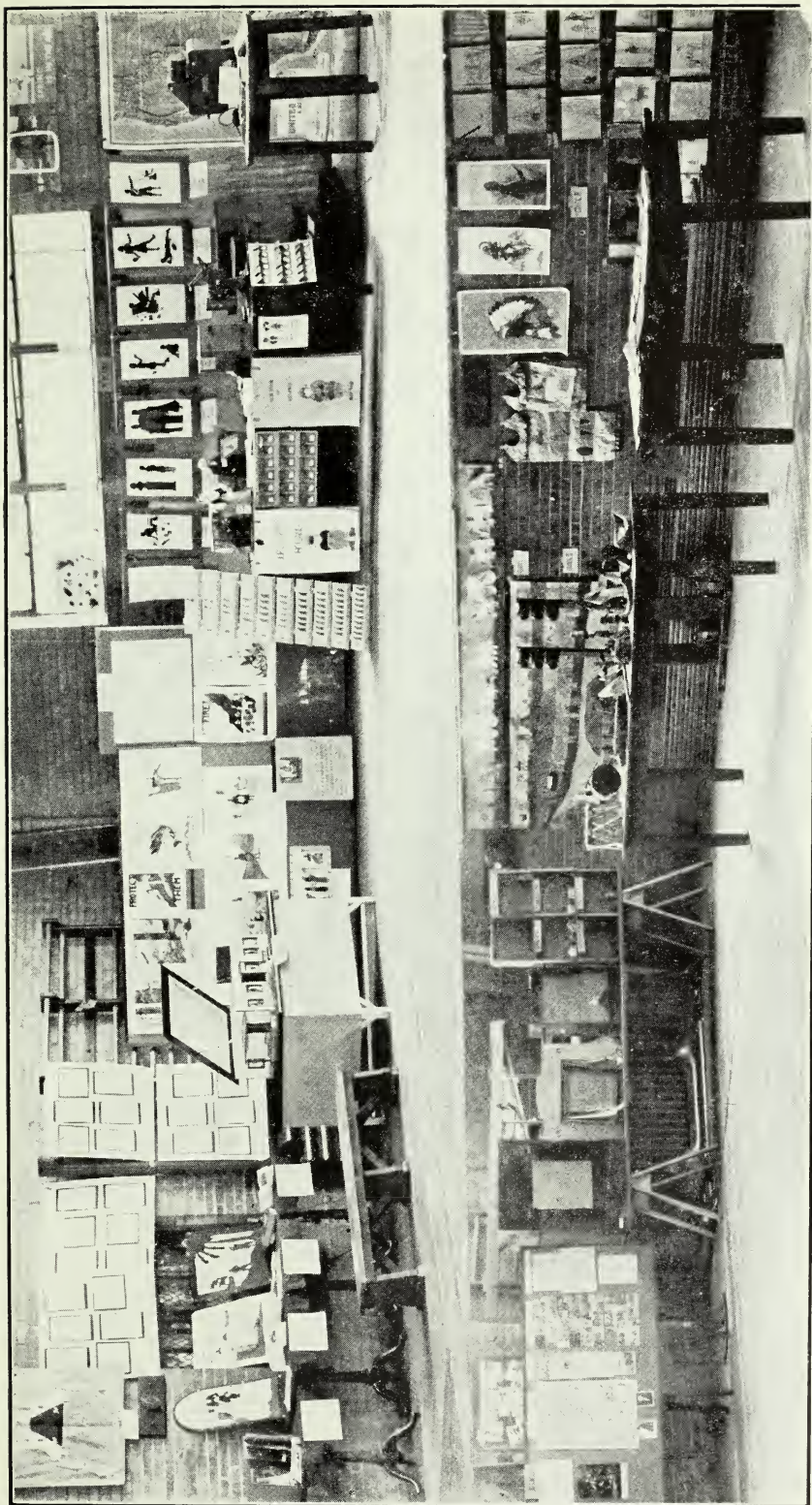
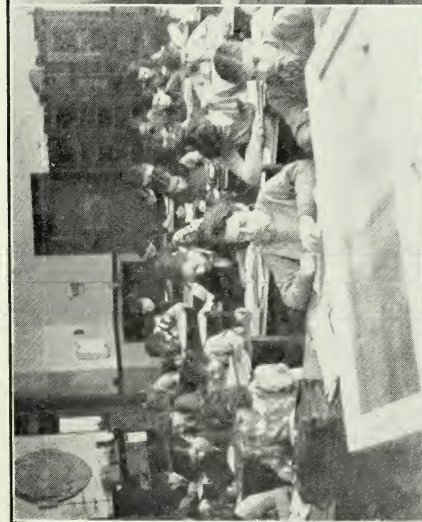
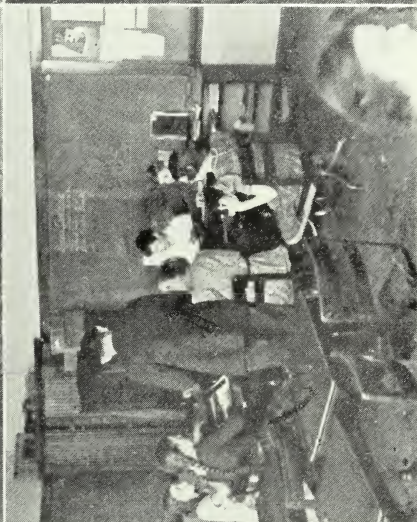
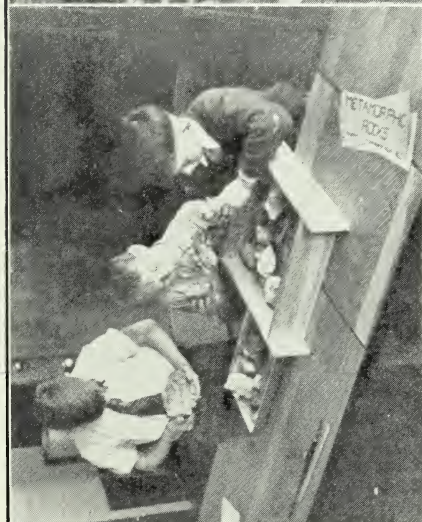
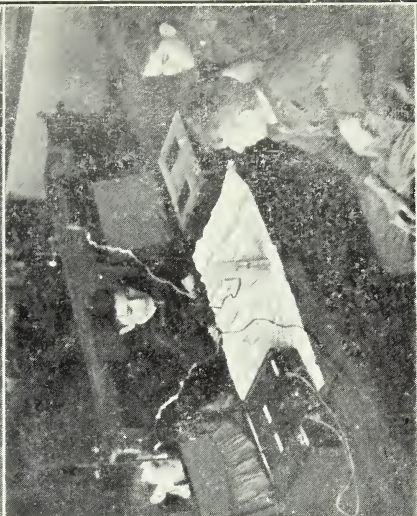
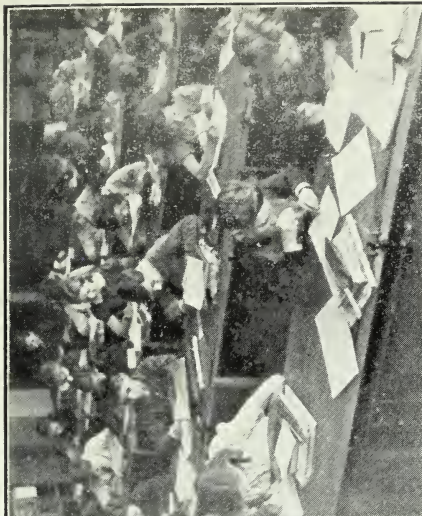


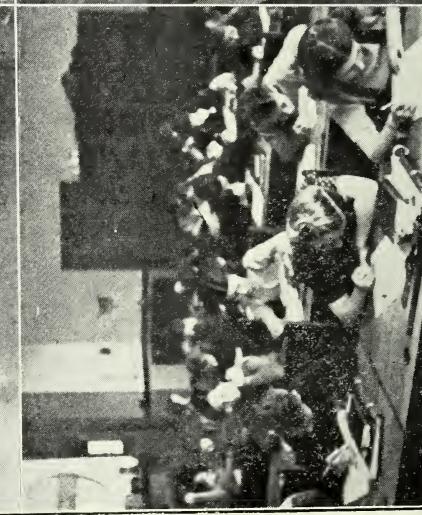
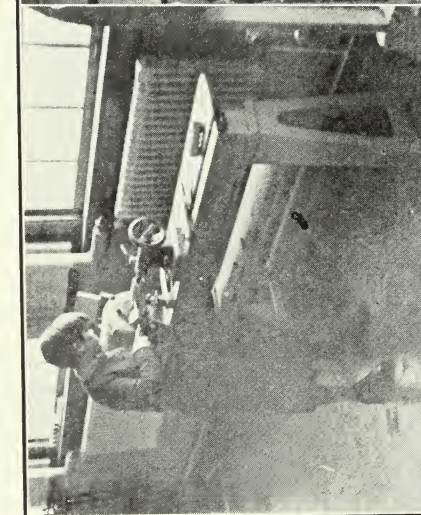
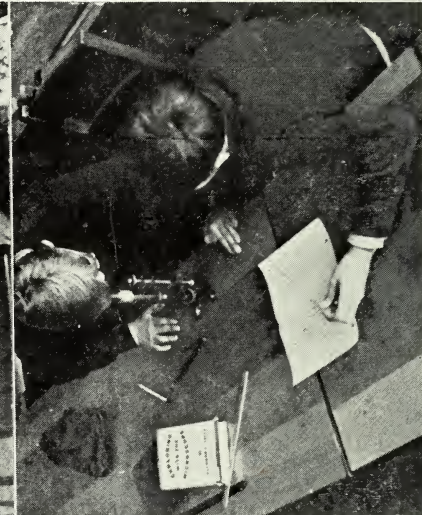
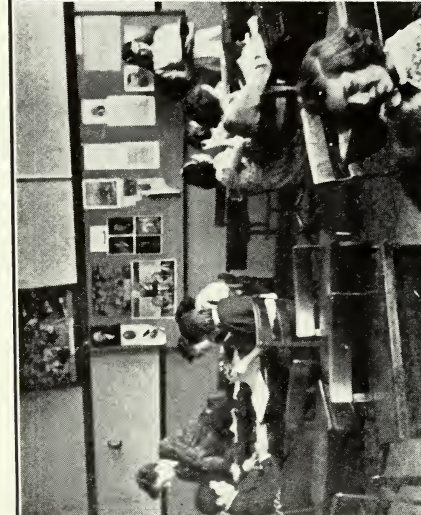
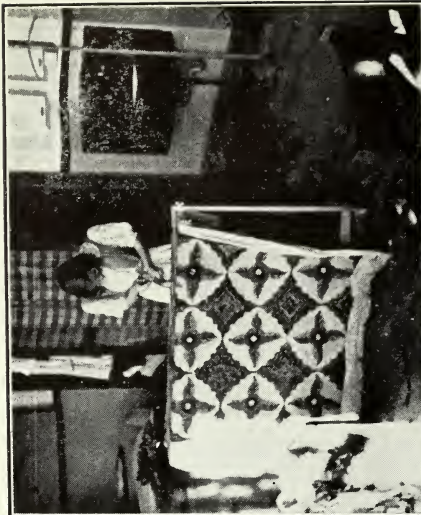
Exhibit of Visual Aids For Fall Conference



Exhibit of Visual Aids For Fall Conference



Junior High School at Work



Junior High School at Work

1. Classroom Visitation

It is the duty of the supervisory officers to visit the classrooms as much as possible to observe the work of the teachers. These visits are made by the supervisor not as a "snooper," but in the spirit of co-operation in the hope that observations made will be of help to the teacher in his effort to continuously improve his teaching. Co-operative and friendly conferences are essential to bringing about that improvement.

This type of help is, of course, particularly important to the teacher during his first year. It is equally important that the supervisory officers have a thorough knowledge of a teacher in order to determine whether he will be reappointed at the end of the first year. At the end of the third year an important decision must be reached, for, if he is re-appointed, he automatically goes on tenure, according to State Law, and can be removed only for good and sufficient cause.

Just as it is essential to select good teachers in the first place, it is essential that there be re-appointed, and particularly to tenure, only those teachers who measure up to high standards in teaching ability and in professional spirit.

2. Teachers' Meetings

The discussion and study of problems, desirable changes, etc., by the building, grade, or subject group affected are carried on in the various teachers' meetings held at regular intervals.

3. Observation of Other Teachers

During the past several years, the teachers have had less opportunity to visit teachers in other systems, as it has seemed necessary to cut substitute costs as much as possible. We should encourage more visiting as soon as it is feasible. Much can be learned by watching other teachers at work.

4. Curriculum and Textbook Committees

The curriculum and courses of study must be continuously scrutinized and revised to meet changing conditions and trends. New textbooks must be selected. All of this work is done by committees made up of the teachers and the supervisory officers.

The comprehensive and thorough-going study and discussion that are necessary to arrive at conclusions tend to keep the staff informed on modern thought regarding a given problem. The application of the knowledge gained results, not only in improved courses of study and the selection of better textbooks, but also in teacher growth and, so, in more efficient instruction.

5. Reading

Our library of professional books, the school magazines to which we subscribe, and the books and magazines that are purchased by the teachers themselves provide ample opportunity for the alert teacher to do intensive and extensive reading in matters that pertain to his work.

6. Bulletins

Bulletins in special subjects and problems are sent out from the offices of the Superintendent and other supervisory officers.

7. Professional Courses

The opportunity for further study in education or general culture is almost unlimited in the environs of Boston. Courses of all kinds are given in the colleges, universities, teacher-training institutions, and through extension courses. Reading can be proud of the way in which its teachers take advantage of this avenue of improvement and growth. The list of those who have taken courses during the past year is too voluminous to publish in this report. It has already been published in the Reading Chronicle. It is enough to say that approximately fifty to sixty per cent of the members of the school staff do take, at their own expense, some sort of professional improvement courses each year.

8. The Testing Program

Standard tests are published by various concerns. They are tests that have been arrived at by giving a set of questions in a given subject to thousands of children throughout the country. The answers are then studied to find which questions may not be valid or reliable. Those questions are eliminated or revised. After a series of such experiments, a test is arrived at that may be considered valid and reliable. It is entirely objective and eliminates the personal element. Furthermore, because the tests are so widely used, it is possible to set up standards as to the rating to which a child of a given grade should be able to attain.

We now have a rather excellent testing program, particularly in the grades and Junior High School, and with the development of better tests for secondary school use, the program in the Senior High School is being made more comprehensive.

Through a study of the test results, the teacher is able to determine where there may be weaknesses in her work with individuals and with her whole group. She is then in a better position to correct those weaknesses and modify her program. Teacher growth, with the concomitant improvement in teaching efficiency, is the result.

The amount of growth that will come about because of the above or other procedures depends very largely upon the individual teacher,—his personality, his ability to grow, and his professional spirit. I should like at this time to commend the large majority of the Reading teachers for the spirit they demonstrate, and congratulate them upon the growth they are making.

———— ELEMENTARY SCHOOLS ————

The resignation of Miss Verna L. Wadleigh as Elementary Supervisor and Director of Research, to accept an editorial position with the John C. Winston Company, deprived Reading of the services of a

splendid educator. Her efforts, ideas, and leadership have contributed much to the Reading schools.

Miss Maud Adlington has been appointed to act in Miss Wadleigh's place. She has a long and outstanding record both as a teacher and as a supervisor. For over ten years she was supervising principal in Lexington, and then became Elementary Supervisor in Greenfield. This is her third year with us, and, previous to taking over her present assignment, she was a teacher in the Highland School.

Test Results

The results obtained on the standard tests in tool subjects that have been administered during the year have been quite satisfactory. In each instance, our median achievement has been above the standard as set up by the test. This doesn't mean that we can afford to rest on our laurels, for there is still much to be maintained and accomplished.

Books

The elementary grades are now pretty well supplied with up-to-date textbooks in most subjects. Science books and health books are still to be selected for grades five and six. Studies are now going on, and we hope to be able in 1939 to put in books for those subjects.

Each room now has a small library of supplementary books. The library books are vital to a broad and rich program of reading and of social studies. We hope that more of them can be purchased in the near future.

Excursions and Field Trips

"Experience," it is said, "is the best teacher." We are, therefore, trying to give the children as many and as varied direct experiences as possible. A child who visits and is shown over the fire station will know much more about it than one whose experience is confined to what he can get out of a book. Furthermore, these direct experiences provide material for English work, both written and oral, and give increased motivation to reading.

As one method of providing experiences, many of the children are being given opportunities to take excursions or field trips to see various places and things that will be of both direct and indirect educational value; that is, that will give direct knowledge and, at the same time, provide an experience background that will lead to a better understanding of other life situations.

———— JUNIOR HIGH SCHOOL ————

As mentioned before, the curriculum and courses of study cannot remain static if they are to meet changing conditions, and if they are to be in accord with modern trends. Mr. Perry, Principal of the Junior High School, points out in the following quotation from his report, some of the changes that have been made during 1938 in the curriculum of that school:

"At the opening of school in September, 1938, certain significant changes were made in our course of study: (1) More time has been allotted to the teaching of English in Grade 7, which includes the instruction in reading, oral and written expression, literature and spelling. (2) The school now requires all pupils to continue the work in practical arts in Grade 8 for two periods each week. (3) In Grade 9, although mathematics continues to be a required subject, provision is now made to meet the needs of all pupils more adequately by offering (a) algebra to those pupils who have in mind college preparation; (b) general mathematics for those pupils who would have some difficulty with the usual formal course in algebra, but whose interests demand a well-rounded program in mathematics including arithmetic, simple geometry, and elementary principles of algebra; (c) social and business arithmetic for those pupils who need further practice and drill in the fundamental skills and applications of arithmetic to meet the needs of any individual in our present society. In connection with our work in mathematics, new textbook adoptions were made for all grades in the school. (4) Finally, the elective offerings in Grade 9 have been expanded to allow pupils, under guidance, to select work in Latin, French, general science, business training, art, music, and in practical arts for the boys,—woodworking, printing, mechanical drawing, or metal and electrical work,— and for the girls, either a general course in homemaking, or special work in connection with either foods or clothing.

"For those pupils who intend to prepare for college, the school now demands that these boys and girls meet the standards of work as set up by the Secondary School Board in the subjects of mathematics, English, and the foreign languages. Our guidance policy for ninth grade pupils who intend to follow the college preparatory course in the Senior High School is to demand concentration on the four major subjects of algebra, English, social science, and a foreign language, rather than to allow a wide selection of elective subjects as in former years. If our pupils are to approximate the standards of work demanded of pupils in Grade 9 of our better private college preparatory secondary schools, then, with the limited amount of time at our disposal in the public school, it is difficult to meet the requirements of the Secondary School Board if pupils are allowed to spread themselves through the wide offerings of our elective program."

Test Results

The following is also quoted from Mr. Perry's report:

"The Iowa Reading Test Form A was given to all pupils of the school in February. The results of this standard test in reading formed the basis for discussions in faculty meetings and conferences with the Elementary School Supervisor on ways and means to improve the in-

struction of the school in relation to the reading. The results of all our standard tests indicate that it is the job of the Junior High School to continue to teach the skillful use of the fundamental school subjects of reading, writing, arithmetic, spelling, oral and written expression. The school is conscious of this objective and is attempting to see to it that our pupils are well grounded in the tool subjects."

— HIGH SCHOOL —

Test Results

As previously mentioned, a more comprehensive program of standard testing is being planned for the High School. In this connection, I quote from the report of Mr. Sussman, Principal of that school:

"Again a rather careful check has been made to discover the poor readers among the pupils, and remedial work is being given to those who need help in this direction.

"Many of the final examinations in June were standardized tests. In most instances, the so-called Co-operative Tests of the American Council on Education were used. In every case these standardized tests showed that the Reading High School pupils' accomplishments were at least equal to the country's norms, and, in most cases, were considerably above the standard norms.

"The National Clerical Ability Tests, sponsored jointly by the Eastern Commercial Teachers' Association and the National Office Management Association, lead us to believe that the commercial education in the Reading High School is basically sound. Thirty pupils volunteered for this test and six won certificates. In bookkeeping, Theodore Lawson and Arthur J. Roberts made an almost perfect score. The tests are so arranged and so graded that only twenty per cent of all the students in the United States taking these tests will receive certificates in any given year."

Commercial Work

In recognition of the fact that the office worker of today must be acquainted not only with the typewriter, but also with other types of office machinery, a start has been made in adding to the equipment of the Commercial Department. An ediphone transcribing machine and a comptometer are now available for instruction.

If the excellent success that our commercial pupils have had in securing employment is to continue, they must be prepared to compete with graduates from other schools where office machinery is being rapidly introduced. We must, therefore, carry on a program of equipment extension.

Class of 1938

We find that the members of the class of 1938 are engaged as follows:

College	24
Preparatory School	6
Commercial School	11
Art School	5
Post Graduates	27
Trade School	2
Office Clerk	10
Store Clerk	3
Cashier	1
Library Assistant	1
Hospital	3
Institutional Work	2
Navy	1
Merchant Marine	1
Mother's Helper	6
Restaurant	4
Beauty Academy	1
Tree Surgery	2
Taxi Driver	1
C. C. C.	1
W. P. A.	1
Unskilled Labor	11
Married	1
Unemployed	27
Unaccounted for	1

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HEALTH

The resignation of Miss Mabel Brown, who, for many years has been our Director of Health, was a severe blow to our health work. What is our loss is a distinct gain for the Cambridge Tuberculosis and Health Association, of which she has become Executive Secretary.

Under Miss Brown's direction, the health work in the Reading schools has come to have an outstanding reputation, and, more important, the children of the schools have had the benefit of the health work. Because of the excellent set-up, Reading was chosen by the State as a demonstration center for public health nurses. The Reading schools and the whole community are better and will be better because of the health work done under Miss Brown's direction.

We have been most fortunate in securing Mrs. Margaret Clewley as Miss Brown's successor. Mrs. Clewley, a widow, is a graduate of

the Newton Hospital Training School, the Certificate Course in Public Health at Simmons College, and has many points for her degree in the Boston University School of Education. In addition to private nursing experience, Mrs. Clewley was School Nurse in Woburn for three years. During the school year 1937-1938, she was assistant to Miss Brown in Reading under a grant from the Federal Government. At that time she had been selected by the State Department of Health, in co-operation with the School Committee, to assist Miss Brown because of the added work entailed in the teaching and demonstration center that had been set up in Reading by the State Department of Health. The Federal grant expired last June. Mrs. Clewley was with the Children's Aid Society of Boston during the summer and since September has been with the Winchester Visiting Nurse Association.

During the time that the teaching and demonstration program mentioned in the above paragraph was in operation, thirty-one students were working in Reading at various times.

The following paragraphs are quoted from Miss Brown's report. I want to say that I heartily agree with the thought expressed in her first paragraph, that is, that we do need two nurses.

"Since September, the department has operated on a one-nurse basis and without clerical assistance. It has been a difficult four months and has served to demonstrate the impossibility of one nurse's carrying the present program. Because of the pressure of work incident to the annual health inventory of pupils this fall, it was impossible to maintain a regular schedule of school visits until December. The close daily check-up of pupils by the teachers, however, helped to bring to the notice of the Doctor or Nurse cases in need of their immediate attention. With the type of program that our children are accustomed to and should have the benefit of, two nurses are needed. This standard is not inconsistent with that set by the Physical Education Department which has five members on its staff. Until such time as the employment of two nurses is practiced, full-time clerical assistance for the nurse is imperative.

"One of the most interesting and worth while improvements in the health program during the year has been at the Junior High School. Beginning this fall, all the health activities, except those related to the physical education work, have been transferred to the homeroom period. This includes the nurse's classroom inspection, the weighing and measuring, the vision testing and some small amount of teaching incident to the promotion of better health habits. The plan has resulted in the development of more health consciousness and a better understanding of pupils' health needs on the part of the homeroom teacher. This program has been strengthened by the health counselor plan which has been in operation throughout the year and consists of a daily checking of all pupils who have been absent on account of ill-

ness, by Mrs. Tyacke, who serves in the capacity of health counselor.

"The annual registration of children entering school in September was held on March 8 and 9. One hundred and twenty-seven children registered. One hundred and twenty-two (or 96%) had the requested examination and returned their physical records to school prior to school entrance. This represents the best response that has yet been obtained on registration and seems to indicate that parents are coming to appreciate the need for getting children ready for school. The number of children who enter school with defects corrected also shows an appreciable increase each year."

Dental Clinic

"Something must be done in the near future if the Dental Clinic is to be able to meet the needs of those who apply to it for care. The clinic has about 483 active cases enrolled; experience shows that, under the present program of two days a week, approximately 200 children can have their dental work completed during the year. It is apparent, therefore, that it is impossible for the children now enrolled to be seen as regularly as is desirable.

The Reading Good Health Committee, under the able leadership of Mrs. Clarence White, is doing all in its power to remedy the situation. The funds for the clinic are secured by that Committee, from the Tuberculosis Association and the Red Cross, and the town appropriates \$500. Since September, ways have been found to run the clinic three days a week, but this cannot continue unless more funds are made available.

Every effort is made to make the clinic facilities available only to those who cannot afford to go to their own dentists. An investigation of each case is made by the School Nurse, with the aid of others, but a few cases where the financial need is not sufficiently great may get into the clinic. Some means of relieving the School Nurse of some of the investigation must be found, both because of the pressure of her other duties and also because of the embarrassment sometimes caused when it is necessary for her to turn down certain applicants.

Either more financial aid must be secured, or else the dental work will have to be limited, say, to pre-school and first grade children. I am sure we all hope that the former will be the case.

I want now to quote the concluding paragraphs of Miss Brown's report:

"In closing this, my seventeenth and last report as School Nurse and Director of Health in the Reading Public Schools, I wish to express my appreciation to all those who have helped to make the health program what it is. It has been a privilege and a pleasure to have worked in a community that has been so receptive and responsive to what the school has attempted to do in the interests of better health for the community. To those organizations and individuals who have

been most closely associated with the health work in the schools,—the Reading Good Health Committee, the Visiting Nurse Association, the Reading Board of Health, the Public Welfare Department, the teachers, the parents, and the pupils, I am deeply grateful. To the School Committee, that has never failed to give it support to the program, and to you, Mr. Pierce, who have been an ever-wise and patient leader, I wish to extend my sincere thanks.

"I commend my successor, Mrs. Margaret B. Clewley, to you with the assurance that the work will grow and develop under her guidance and that the ideal that the health program will be educational in every aspect will be maintained and promoted."

———— PHYSICAL EDUCATION ————

The most spectacular parts of our physical education program are the various forms of athletics. The football team, under the leadership of our new coach, Mr. Albert Holgerson, showed a splendid spirit of enthusiasm, effort, and loyalty.

The tennis team went through its second consecutive undefeated season. Better and increased facilities are needed for this sport. The interest in it should be fostered, for it is one of the sports that can be carried on in after-school years.

The girls' tennis team brought to Reading the Junior and Senior Interclass Tennis championships for Middlesex County as a result of the Belmont Interclass Meet. The Senior and Junior girls' basketball teams each won seven out of eight games for the past season.

The less spectacular phase of the physical education program—the general activities that lead toward the development of better bodies—is the more important part, if only because it reaches more pupils. In connection with this phase of the work, Mr. Althoff, Director of Physical Education, says in his report:

"A corrective physical education program has started in the Highland and Junior High schools this fall. In addition to the correction of remediable physical defects at the Junior High School level, we are also interested in bringing up to average those pupils who have the lowest Physical Fitness indices. Dr. Frederick Rand Rogers clarifies the significance of Strength Tests in revealing physical condition in the following paragraph:

"The positive and very high relation of muscular strength to general health, physical fitness, or "capacity for activity" can hardly be questioned. With no strength there can be no physical activity; moreover, when muscular strength is low, all other life functions are handicapped. One can hardly see as much, hear as much, meet as many persons, or contribute as much to social life when one is continually fatigued by the most necessary activities of life—eating, digestion, attention to environment, and the physical movements incident upon

travel from one group of surroundings to another. . . . the development of muscular strength is of prime importance in any rational physical education program.'

"Low physical fitness indices are the results of physical defects, improper food or eating habits, improper exercise, emotional disturbances, or other physical or mental drains or strains or injuries. Individuals with P. F. I.'s below 85 to 90 ought to engage in supervised remedial activities or rest daily until their indices are 100 or higher."

———— MUSIC ————

The Musical Festival given last May by pupils of grades 1-6 gave over one thousand people the opportunity to become acquainted with the various phases of work being done by the Music Department. I am sure that I am safe in saying that those people were satisfied that something is being accomplished.

The proceeds from the festivals have been used to further the music work,—books for a children's music library, an electric victrola, additional records, glee club and orchestra music, etc.

The increased instrumental work mentioned in my report of last year is beginning to bear fruit, both in the competency of the bands and orchestras, and in the increased interest in learning to play an instrument. A series of monthly recitals by students of the instrumental classes has been started. It is hoped that these will give further incentive and motivation.

I have pointed out before that our music program in the High School is inadequate, due to Mr. Peck's crowded schedule. He says, in his report:

"More music courses should be offered in the High School, such as harmony, music appreciation, and chorus, and music in the ninth grade should consist of an elective-selective chorus of about one hundred mixed voices. It may be possible to carry out these recommendations during the coming year."

———— LIP-READING ————

The lip-reading work is progressing quite satisfactorily. The pupils are making progress, and the work is apparently of help to them in their regular classroom activities. Twelve children received instruction during the year.

———— ATTENDANCE ————

The two following paragraphs are quoted from the report of Mrs. Josephine Fowler, Supervisor of Attendance:

"Work certificates have been issued to eighty-four minors, only seven of whom were under sixteen years of age and whose financial help was definitely needed in the family.

"It is my opinion, after three years' work in Reading, that every attendance problem is a family adjustment problem. Sometimes the economic condition of the home is the only reason the children are not in school. This is much more easily remedied than the more frequent cause,—lack of understanding by the parents. Some homes seem to have no idea what the schools offer or what they are trying to do for the children. As a whole, the parents are very amenable when they do understand."

———— FALL CONFERENCE ————

One of the outstanding events of the year was the Second Annual Fall Conference. The conference has been made a local affair for Reading and North Reading, as the teachers have felt that more value can come from the small meeting than from the large one in Boston.

The conference this year was on visual education. It was a practical and helpful meeting. We anticipate that the use of visual aids in the classroom will be given a considerable impetus because of what was seen and heard during the day.

One of the most impressive features of the meeting was the exhibit in the Junior High School gymnasium of the visual education apparatus now in the schools, and, especially, of a wealth of excellent graphic representations that have been made by the children in connection with various projects.

The members of the committee in charge of the conference were:

Mr. George D. Anderson, chairman
Miss Carmen Simon
Mr. L. Reginald A. Kibbee
Miss Claudia Perry
Miss Maud Adlington
Miss Dorothy Allard
Mrs. Olive Perry
Mrs. Alberta D. Mathieson
Miss Elois Godfrey
Miss Ada E. Dow
Miss Esther P. Smith and
Mrs. Mildred Barnby and Mrs. Lottie Yuill of the North

Reading Staff.

Certainly the committee deserves commendation on its work. I am sure, too, that each member would agree that the splendid exhibit could not have been arranged had it not been for the whole-hearted support and co-operation of the other members of the staff.

———— PARENT-TEACHER ASSOCIATIONS ————

What, in my opinion, was a very wholesome step was taken during the year by the then Central Parent-Teacher Association. That organization was disbanded in order to organize a unit in each school. Under such an arrangement there should be an increased interest and value in the meetings for the problems peculiar to a given school or grade level can be more readily considered than was possible when most of the schools were represented in only one association.

There will eventually be a central council composed of the individual units. It is hoped that each school will have a unit and that it will be a part of the central council.

This step is further evidence of the thought and support that the parents of Reading are giving to their schools. We who are on the staff want to express our appreciation to them and to assure them of our co-operation.

———— SCHOOL PLANT, EQUIPMENT, AND GROUNDS ————

Our regular maintenance program has again been very materially supplemented by W. P. A. work. The buildings are in good condition and the grounds are being improved. Some of the major work that has been started or completed during the year is:

A new and improved driveway at the King Street entrance to the Junior High School.

Regrading and drainage of the playground at the Highland School, and resurfacing of the walks and driveways.

Regrading of play area at Chestnut Hill School.

Work started on resurfacing of walks and driveways at Lowell Street and Junior High schools.

Quite a little interior painting in the Junior and Senior High schools.

Started work of laying new floors in the Senior High and Chestnut Hill schools.

Retubing of one boiler at the High School.

Replacement of obsolete furniture on the first floor of the High School.

———— BUILDING PROGRAM ————

The new elementary building now under construction in the east district of the town is the first step in the modernization of our school plant. The next step, as far as elementary schools is concerned, should be a new building for the west district to replace the Prospect Street and Chestnut Hill schools.

Unless, however, the elementary school population becomes larger, the most immediate need is for an enlarged and modernized high school building. The present building was designed and erected in 1906 to house 450 pupils. The enrollment as of December, 1938, was 628 pupils, or 178 more than the plans contemplated.

Every available space is in use. Two additional classrooms have been made out of the dressing rooms and offices that were at the ends of the stage. Pupils are studying in the assembly hall and library, and in the back of the classrooms where recitations are being held. Even so, many of the classes are too large. The assembly hall, the gymnasium, and the basement rooms used as lunchrooms are entirely inadequate. There are no facilities for practical arts work for either boys or girls, yet this is the only type of work that will meet the needs, interests, and abilities of many of our pupils. At present they are sent to the Junior High School for such work, but that arrangement is far from satisfactory, and, furthermore, does not allow for enough pupils.

We should, therefore, it seems to me, give serious consideration to the enlargement of our High School. The plans should include among other things, more classrooms and better laboratories; a good gymnasium; an auditorium adequate not only for high school use, but also adequate for large community gatherings; better cafeteria facilities; provisions for shop and household arts; more adequate toilet, shower, and rest rooms; and a better library.

In closing, I wish to express my sincere thanks to the townspeople and the members of the school staff for their splendid help and cooperation. To you, the members of the School Committee, I express my especial appreciation, not only for your kindly support and help, your desire and willingness to study and discuss my proposals, but also because you see to it that the business of the schools is so conducted that your executive officer, the Superintendent of Schools, is that in both name and in fact.

Respectfully submitted,

ARTHUR E. PIERCE.

Age-Grade Table—October 1, 1938

Age	Oppor.	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	P. G. Total
5 Years		66												66
6 "		104	43											147
7 "		16	95	47										158
8 "	1	2	16	99	30	1								169
9 "	2	2	2	16	99	45	11							175
10 "	3			5	20	98	55	1						182
11 "	3			2	4	31	83	51	1					175
12 "	2					14	24	58	82	6				186
13 "	1					2	11	39	94	81	3			231
14 "	1						5	11	31	61	109	2		220
15 "								2	15	17	96	73	6	209
16 "						1		1	3	7	29	89	53	7 190
17 "										1	11	30	68	19 129
18 "											2	2	16	8 28
19 "													3	4 7
20 "													1	1
21 and Over														
Total	13	188	156	169	173	192	189	163	226	173	250	196	148	41 2,277

COMMENCEMENT EXERCISES READING HIGH SCHOOL

Class of 1938

Motto

"He conquers who endures"

Shepardson Hall, Reading, Mass.

WEDNESDAY EVENING, JUNE EIGHTH

Eight O'Clock

PROGRAM

OVERTURE—Youth Triumphant Gibb
High School Orchestra

AMERICA, THE BEAUTIFUL Bates
Audience and Senior Class

PRAYER—Rev. C. Leslie Curtice

Salutatory

THE CIVILIAN CONSERVATION CORPS
William J. Richmond

TORCH ORATION

John Coolidge Colley, Class President
Response by Richard B. Knudson, Junior Class President

STRING BASS SOLO—Carnival of Venice Hause
Daniel Joseph Barrett

ESSAY

America Must Choose

Peter V. Curl
Faculty Honors

ESSAY

Education for Service
George F. Madden
Class Honors

CONFERRING SCHOLASTIC HONORS

Rudolf Sussmann, Head Master

VIOLIN SOLO

Second Concerto in D minor (2nd movement) Wieniawski
Romanza Andaluza Pablo De Sarasate
Ruth Elaine Browne

Valedictory

The Propagation of Democracy Through Education
Virginia Gertrude Watson

CONFERRING DIPLOMAS

Frank D. Tanner, Chairman of School Board

STAR SPANGLED BANNER

Key

Audience and Senior Class

BENEDICTION—Rev. C. Leslie Curtice

RECESSIONAL—Priests' March from "Athalia"

Mendelssohn

High School Orchestra

GRADUATES

Accounting Course

Frederick Francis Dacey, Jr.

Theodore Webster Lawson, Jr.

Charles Joseph Dunn

Arthur John Roberts

Donald William White

Civic Preparatory Course

Frances Adel Amirault

Virginia E. Hartshorn

Jesse Malcome Anderson

Robert Eugene Holden

Lillian Mary Arsenault

Archibald J. A. McMillan

Helen Julia Barrett

A. Russell Merrill

Emerson R. Batchelder

Paul Alvin Norman Nichols

Arthur Joseph Beaudoin

Frank Louis O'Brien

Margaret Mary Bennett

Esther Marie Ouimette

Allen W. Boyd

Doris Gertrude Peterson

Nelson L. Burbank

John A. Putnam

Mary Louise Callan

Arthur Frederick Rees

Roger Charles Dooley

Marjorie Louise Richards

Dorothy Lillian Doucette

William Granville Shannon

James L. Doucette

Thomas Irving Skidmore

Walter Joseph Doucette

Edith Arnette Southwick

John Danforth Eisenhaure

Herbert E. Stark

Alice M. Flynn

Francena Stevens

Marjorie Ethel Foster

Francis John Thornton, Jr.

Russell Francis Galvin

Earl Henry Van Horn

William Bertram Goodwin

Virginia Wellington

Barbara May Griffith

Wilfred Henry White

Classical Course

Daniel Joseph Barrett	Peter V. Curl
Mary Bernadette Barrett	Richard Louis Lyons
Robert George Clinch	Malcolm Hobart McGann
Orville Farlin Poland	

7

Clerical Course

Thelma Bates	Leora Carrie Stratton
Ruth Elaine Browne	Thelma C. Taylor
Alice Janet Godfrey	Hazel Geraldine Terhune
Muriel Doris Putnam	Willis Francis Tucker, Jr.
Mary Catherine Widell	

9

College Course

Elizabeth Buker Barstow	Elinor Littlefield
George Wallace Batten	Nina Ethel Lowell
Arthur Dustin Beaman	Marjorie Hale Morss
Herbert Edward Carter	Arthur Damrell Moulton
Jeannette Margaret Davis	William J. Richmond
Doris Marie Donegan	Miriam Mahala Sidelinger
Irene Goodwin	Richard Yorke Smith
Robert Hastings Gray	Victorine A. St. Onge
George Leslie Hodgkins	Marion P. Turner
Brendon Leonard Hoyt	Robert Willard Wakeling
Priscilla Dorothea Johnson	Virginia Gertrude Watson
Dorothy Anne Wilkinson	

93

Fine Arts Course

Annette Brown	Elizabeth Sprague Higgins
Alice Ruth Gonnam	Susette Elisabeth Weigmann

4

Normal Course

Alice Constance Bailey	Ruth Warner Hoyt
Margaret Elizabeth Carter	Muriel M. Kelly
Clarence Allen Chapman	Barbara Kimball
John Coolidge Colley	Edson Robert King
Alice D. Estey	Ernestine Thelma Lowell

10

Normal Course

Emerson Taylor Oliver

Ralph Kenneson Pomeroy	Pauline Ella Stickland
Mary Anne Proncko	Mary Josephine Story
Herbert G. Richmond	Leona M. Thibodeau
Richard Ruggles	Lorena R. Towns
John Richard Sawyer	Jane Clara Zynsky

Practical Arts Course

Lawrence Anthony Enos	Isabelle McSheehy
	Louise Murphy

Scientific Course

Frank Dodge Davis	Donald Lang Miller
George F. Madden	Dean Somerby Winchester
	Harold Paul Zitzow

Secretarial Course

Johnina Clapperton	Elsie Mabel Putnam
Mava Anita Classen	Marie H. Reed
Dorothea Erna Domin	Phyllis Elinor Richman
Jeannette Eloise Forbes	Ann Robertson
Marjorie Foye	Marjorie Hazel Rollins
Elizabeth Ives	Margaret Ruth Sullivan
Norma Frances Kendall	Ruth Genevieve Surette
Betty Nichols	Evelyn Muriel Talbot
Ruth Bernice Parry	Beatrice Elizabeth White

Irregular Course

Willis Edward Carter	Barbara Leach
Madeline Bernardine Chisholm	Stella Marchetti
Richard Allen Cleveland	Priscilla Mathieson
Ellsworth Croswell	Francis Xavier McGrath
Elizabeth Burrall Emery	Richard Ernest Merrill
Pauline Eleanor Glover	Max Yale Ruderman
Lillian C. Ivester	Ruth Elinor Spear
Marion Elizabeth Jewell	Roy E. White
Mary Natalie Kevin	Albert Wright

FORTY FOURTH ANNUAL REPORT

of the

ELECTRIC LIGHT
COMMISSIONERS

For the Year Ended

December 31, 1938

OFFICERS OF ELECTRIC LIGHT AND POWER DEPARTMENT

Commissioners

HENRY R. JOHNSON, Chairman Term expires 1941
LOUIS ELLENWOOD, Secretary Term expires 1940
HERBERT G. EVANS Term expires 1939

Manager

ARTHUR G. SIAS

Office

565 Main St., Reading, Mass.

MANAGER'S REPORT

To the Municipal Light Board:

Gentlemen:

I submit, herewith, my report of the operation of the Municipal Light Plant for the year ending December 31, 1938.

The number of kilowatt hours sold was 8,400,252, an increase of 152,156 over the previous year. The estimated kilowatt hour sales lost on account of the hurricane of September 21, is 118,000.

The number of kilowatt hours purchased was 9,453,053, an increase of 225,484 over the previous year. The average cost of the current purchased was 1.1657 cents and the average cost per kilowatt hour sold was 1.3118 cents.

The kilowatt hours lost in distribution amounted to 10.22 per cent as compared with 9.6 per cent in 1937.

The maximum load on the system was 3,100 K. W., an increase of 50 K. W. over the previous year. This load occurred on December 23rd and again on December 24th.

The kilowatt hours sold for residence use increased 5.8 per cent and showed a consumption of 931 kilowatt hours per meter. This is an increase of 27 kilowatt hours over the previous year. The use of electric service in the home has been steadily increasing year by year, and over a ten year period has shown an increase of 71 per cent, the consumption

per meter in 1929 being only 544 kilowatt hours per year. This increased use has been due, chiefly, to the use of electric service for cooking, refrigeration and water heating.

The use of service for commercial purposes has increased 4.25 per cent, and for street lighting 6.4 per cent over the previous year, while the use for power purposes has decreased 20 per cent, due to the lack of business in the manufacturing industries.

The revenue from sale of current was \$315,225.72 as compared with \$317,416.64 the previous year, a reduction of \$2,190.92. While the revenue from sale of current for residence use increased \$9,316.85, the loss of revenue from power service was \$4,501.83 and from Commercial Service \$6,701.16, when compared with the previous year. The decrease in revenue from commercial service was due to the reduction in rates for this class of service, through the consolidation of the commercial lighting and commercial miscellaneous rates, and permitting the use of commercial lighting, heating, refrigeration and small power through a single meter.

The operating expenses for the year show an increase of \$4,842.21 over the previous year. The principal items which have increased are, current purchased \$6,198.12, depreciation \$2,569.33, office salaries, supplies and expenses \$1,901.02 and new business \$3,684.48. The balance of the operating expense accounts show a reduction of \$9,510.74.

The net income from the operation of the plant transferred to Profit and Loss was \$41,168.60. After payment of bonds and notes amounting to \$15,500, and payment to the Town Treasurer of \$24,000 the net increase in the Profit and Loss surplus was \$1,187.77.

Depreciation at 3 per cent of the cost of the Plant, amounting to \$32,339.39, has been earned by the Plant and charged off the various asset accounts.

Current Assets, at the close of the year, were \$116,293.88 and Current Liabilities \$53,604.70.

Additions to the Plant during the year amounted to \$57,785.20. Renewal of the distribution equipment, destroyed by the hurricane of September 21st, amounted to \$18,754.47 and was financed through the special appropriation voted on December 22nd. The remaining cost of the additions amounting to \$39,030.73 was paid from the earnings of the Plant.

POWER STATION

The equipment at the power station has been increased by the installation of three feeder voltage regulators and the necessary wiring and connections for an additional feeder circuit to improve the Wilmington service and relieve the load on the present equipment.

All of the street lighting regulators have been equipped with automatic trip-out switches which shut off the supply of current to the street light circuit in case of a broken wire on the line or any trouble caused by crossed wires.

The necessary equipment has been purchased to connect the water cooling coils on the two 2500 K. W. high tension transformers which are located at the south end of the station and which reduce the incoming voltage from 13,800 volts to our distribution voltage. This additional cooling of the transformer coils will enable each transformer to safely carry 50 per cent additional load, and make it possible to use only one transformer under conditions of maximum station load for several years. The cost of these additions was \$4,967.22.

The generating equipment is being kept in good condition and can be put into service at short notice if required.

DISTRIBUTION LINES

The following additions have been made to our distribution system: extension of the primary feeder line on Grove Street, from Lowell Street to Strout Avenue; additions to secondary mains; the purchase of underground cables for the Washington Street and High Street ducts; the installation of pole type regulators on the street lighting circuits in North Reading, Wilmington and Lynnfield Center and the extension of the underground ducts on Barrett Street to the Sanford Mills property.

The street lighting circuits in North Reading, Wilmington and Lynnfield Center which were formerly controlled and regulated at the power station have now been equipped with pole type regulators and controllers installed in the respective towns. The original circuits were arranged so that the North Reading and Lynnfield street lights were operated from a single circuit and the Wilmington street lights from two circuits, all of which originated at the power station. Under the new arrangement the circuits have been divided, the Lynnfield circuit being separated from the North Reading circuit, and the latter divided into two circuits. The Wilmington street lights are now being operated on two circuits, but an additional regulator has been installed and as soon as the necessary re-arrangement of the wires can be made, the largest circuit will be divided, making three independent circuits.

This change in the method of operating has reduced the feet of wire on the circuits affected by about 12 miles and has made available 2 spare pins on the North Reading line and 4 spare pins on the Wilmington line which can be used for additional feeders without any change in the crossarms.

The cost of making these changes, including the regulators and controllers was \$7,974.37.

A start was made on the work of pulling in the underground cables on Washington and High Streets but on account of the hurricane we were obliged to delay the finish of the work until 1939.

We have added to our lines 32,371 feet of primary wire and 97,362 feet of secondary wire, and have removed 11,773 feet of street lighting wire.

There have been 66 new poles set and 800 poles renewed.

58 transformers have been installed and 53 removed, making a total of 506 installed at the end of this year.

156 new services have been connected during the year.

The distribution system covers 186.32 miles of street with 1,191.44 miles of wire on 8,546 poles.

The hurricane of September 21st caused extensive damage to our distribution system, and interrupted the service on all overhead lines. Three commercial feeder lines were repaired that night and put back into service. On September 23rd, four more feeders were put in service and on the 24th the two remaining feeders were repaired. Repairs were not completed on all of the street lighting circuits until October 9th. The splendid co-operation of the Tree Wardens and Street Department employees in assisting in the removal of limbs and fallen trees helped materially in getting the service restored with a minimum of delay. Much credit is due our employees for the splendid work done and the co-ordination of all the various functions to the end that the prompt restoration of service might be accomplished. Our customers were extremely patient and there were practically no complaints, which showed a remarkable spirit of confidence in the work of restoration of service being done by our employees.

The cost to the Department for clearing away the trees and limbs and replacing the damaged property was \$25,166.61, as indicated by the following items:

Renewal of Plant	
Materials	\$ 6,004.59
Labor	15,134.92
Insurance	318.18
Use of trucks	1,520.95
<hr/>	
Total	\$ 22,978.64
Less amount paid by Telephone Co. for joint pole work	\$ 4,224.17
<hr/>	
Net cost of renewals	\$ 18,754.47

Operation Expense

Clearing away trees and repairs to customers' services:

Labor	\$ 3,095.65
Insurance	77.39
Use of trucks	1,773.80
Electricians expense	1,052.86
Miscellaneous	412.44

Total Operating Expense	\$ 6,412.14
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Total hurricane damage expense	\$ 25,166.61
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On December 22nd the Town voted an appropriation of \$25,000 and authorized the issuance of a loan under the provisions of Clause 9, Section 8 of Chapter 44, General Laws, the proceeds of the loan to be used by the Department in payment of storm damage expense and the loan is to be repaid by the Department out of the earnings of the plant.

A provision of the law under which the money was borrowed, calls for payment within one year, but an amendment of the law is to be enacted this year, extending the time of payment to not more than ten years. I recommend that suitable action be taken by the Town at the Annual Meeting to enable the Department to pay off the loan in ten years.

STREET LIGHTING

New street lights have been added during the year as follows: Reading—Ash Street 1, California Road 1, Fairmount Road 2, Franklin Street 2, Hampshire Road 1, Hunt Street 1, Sunnyside Avenue 1, and Woburn Street 6, a total of 15.

Lynnfield—Perry Avenue 2.

North Reading—Cogswell Road 1, Gordon Road 1, Linwood Avenue 2, Shirley Avenue 1, Summer Street 2, and Taylor Road 1, a total of 8. Wilmington—Marion Street 1, (private light).

The number of street lights now installed is as follows: Reading 945, Lynnfield 175, North Reading 353 and Wilmington 531, a total of 2004.

Woburn Street has been re-lighted with new fixtures and larger lamps from Sanborn Street to West Street.

There were 430,877 kilowatt hours sent out on the Reading street light circuits during the year at an average cost of 3.45 cents per kilowatt hour, or a total cost of \$14,865.26. The street lighting appropriation was \$15,000.00

METER DEPARTMENT

There have been 162 new meters purchased during the year as compared with 263 the previous year. 159 of the older type meters have been supplied with new parts to make them suitable for continued use. 480 outdoor meter installations have been made, bringing the total outdoor installations to 2,100.

The following is a summary of the test work:

Number of request tests	189
Number of Periodic tests	225
Number of meter-room tests	971
Number of inquiry tests	318
Polyphase meter inspections	72
Meters Repaired	166

The total number of meters installed on December 31st was 6141.

LAMP AND APPLIANCE DEPARTMENT

The sales of lamps and appliances during the year amounted to \$30,508.35 which was \$465.75 less than the previous year.

104 ranges and 23 water heaters have been connected during the year.

1,226 current consuming appliances, exclusive of lamp bulbs, have been sold by the Department, the estimated annual kilowatt hour consumption of which is 202,573 and annual revenue of \$8,102.92.

The income and expense schedule applying to merchandise, jobbing and repairs is shown below.

MERCHANDISE APPLIANCES, JOBBING SERVICE, SALES AND EXPENSES

as of December 31, 1938

Merchandise Appliances:

Net Sales	\$ 30,508.35
Costs—Invoice Price	20,799.45
Gross Profit	9,708.90
Expenses:	
Rent	\$ 1,193.25
Heat	153.60
Commissions	1,957.46
Payroll	4,421.69
Discount—Leases	2,531.91
Transportation Expenses	260.27
Demonstration Kitchen	21.64

Stores Expenses	127.49	
Miscellaneous	34.66	
Total Expenses	\$ 10,701.97	
Appliance Installation Costs	\$ 1,754.75	
Total Expense	\$ 12,456.72	
Merchandise Appliances—Net Expense		\$ 2,747.82
Jobbing Service—Net Expense		235.19
Rental Merchandise Service—Net Expense ..		535.26
New Business Expenses & Salaries	\$ 3,067.48	
Advertising	1,326.96	
Other Expenses	2,630.19	
Total Other Expenses		\$ 7,024.63
Total Net Expense—Mdse., Jobbing & Rental Services		\$ 10,542.90

The amount appropriated from the income of the plant was \$15,000 and the balance of this appropriation has been transferred to the Construction Fund in accordance with the vote of the Town.

GARAGE

The automobile expense for the year, including depreciation and insurance is shown in the following schedule: :

Gasoline	\$ 1,335.45
Oil	90.22
Tires and Repairs	1,205.53
Labor	1,472.12
Depreciation	1,510.00
Insurance	750.84

Total	\$ 6,346.16
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The total mileage for the year was 140,992 miles and the average cost per mile was 4.51 cents.

FUTURE IMPROVEMENTS

It is recommended the following additions and improvements be made during the coming year:

Install cables, switches, transformers, and service connections in the underground ducts on Washington and High Streets.

Install an additional feeder on Lowell Street between Middlesex Avenue and Grove Street.

Re-arrange the wiring on the street light circuit in Wilmington to make two circuits in place of a single one .

Extend underground service on the following streets:

Linden Street from Haven Street to Woburn Street

Woburn Street from Linden Street to Sanborn Street

Sanborn Street from Haven Street to Lowell Street

The estimated cost of the above improvements is \$19,110.00 to be paid from the Construction and Depreciation Funds.

ESTIMATE FOR 1939

In accordance with the provisions of Section 57, Chapter 164 of the General Laws, I submit herewith, my estimate of the income and expenses of the Municipal Light Plant for the year ending December 31, 1938.

Income

From Private Consumers		\$316,127.00
From Tax Levy		
For Street Lights	\$ 14,000.00	
For Municipal Departments	3,900.00	17,900.00
		<hr/>
Total Income		\$334,027.00

Expenses

For Operation, Maintenance and Repairs	\$261,300.00
For Interest on Bonds and Notes	2,847.50
For Depreciation at 3% on \$1,110,617.32	33,318.50
For Bond Payments	5,500.00
For Note Payments	10,000.00
	<hr/>
Total Expenses	\$312,966.00

A summary of cash receipts and expenditures, statement of the various funds, total cost and present book value of the plant, together with statistics pertaining to the plant and a list of bills remaining unpaid at the end of the year will be found on the pages which follow.

The report of the Auditor which is appended, will show in detail the results of the operation of the plant as shown by the books of record.

Respectfully submitted,

ARTHUR G. SIAS, Manager.

The reports of the Manager and Auditor as submitted by them are hereby approved by us and constitute our report to the Town.

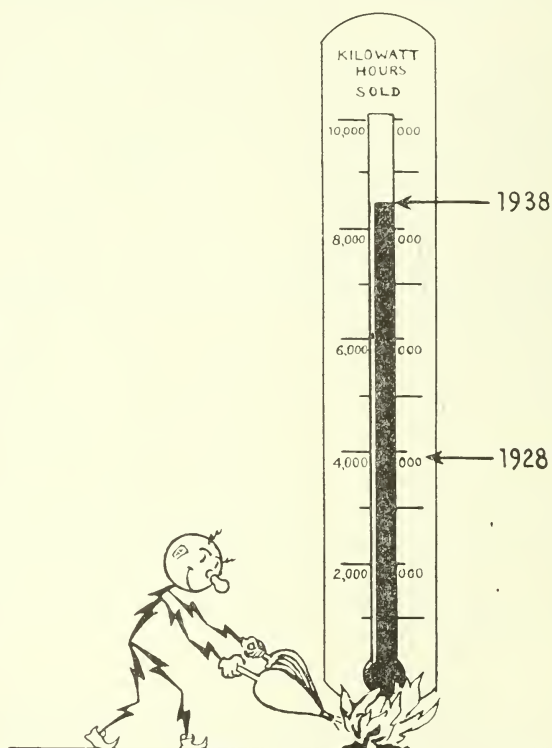
HENRY R. JOHNSON,

LOUIS ELLENWOOD,

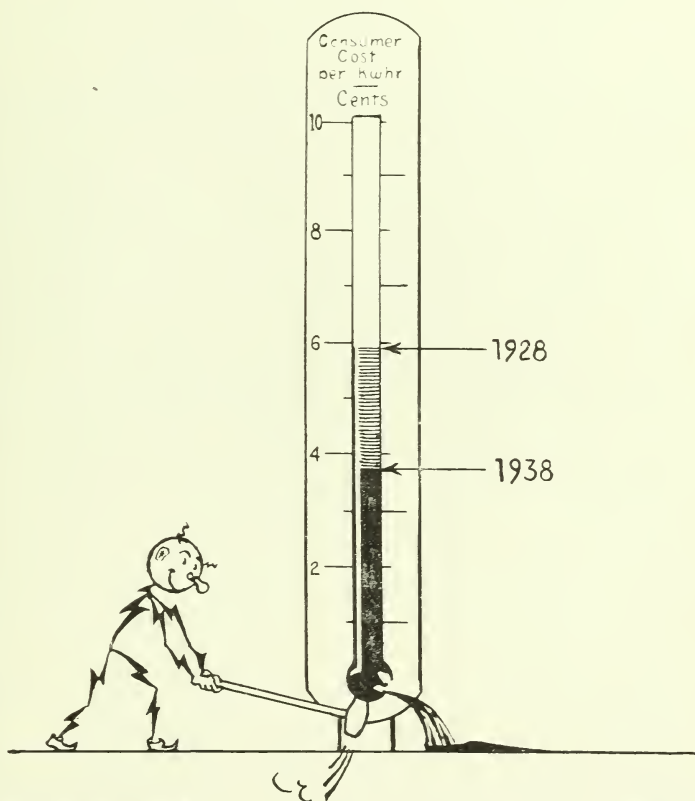
HERBERT G. EVANS,

Municipal Light Board.

ENERGY SOLD DOUBLES IN DECADE

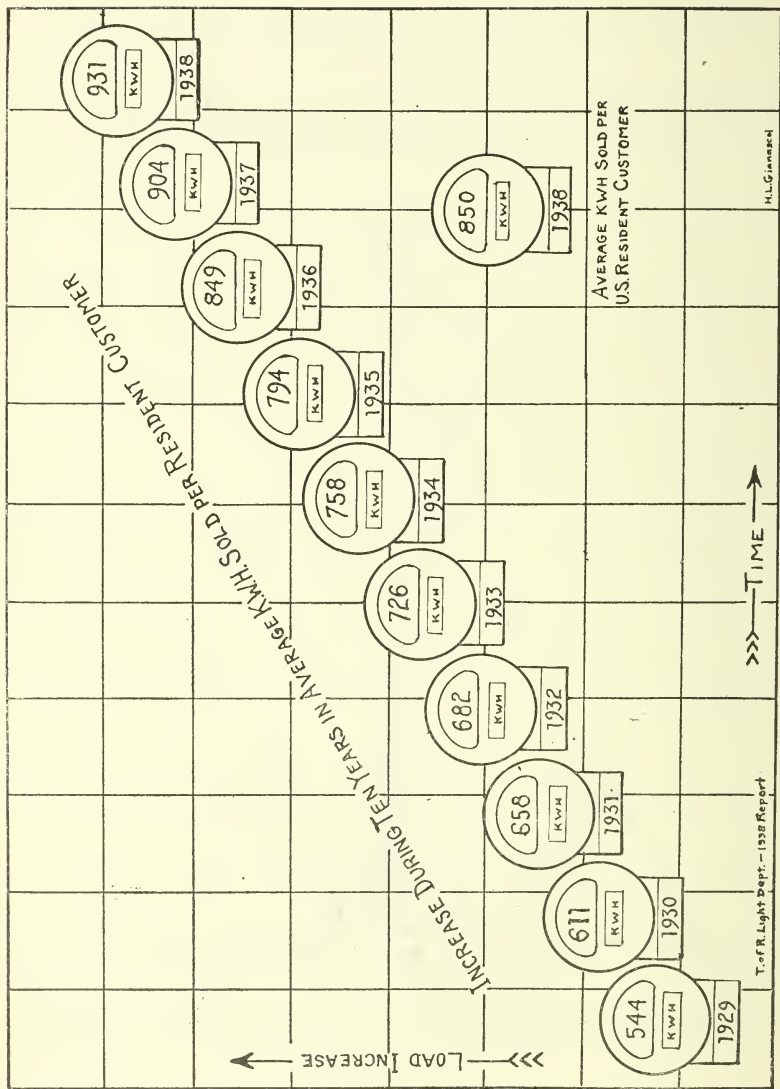


AVERAGE RATE NEARLY HALVED IN DECADE



T. of R. Light Dept - 1938 Report

H. L. Granasco



COMPARISON OF OPERATING COSTS 1938—1937

In Cents per Kilowatt Hour, Based on Kilowatt Hours Sold and
Delivered to Street Lights

	1938	1937
Production	\$1.317	\$1.284
Distribution .....	.678	.731
Utilization .....	.119	.131
Commercial .....	.194	.195
New Business .....	.079	.036
General and Miscellaneous .....	.841	.879
Bonds, Notes and Interest .....	.222	.154
Total Costs	\$3.450	\$3.410

SUMMARY OF CASH RECEIPTS AND DISBURSEMENTS

During the Period January 1, 1938 through December 31, 1938

Cash Balances January 1, 1938

Operation Fund	None	
Depreciation Fund	None	
Construction Fund	\$ 8,305.02	
Petty Cash Fund	250.00	
Total Cash Balances		\$ 8,555.02

Cash Received

Sale of Electricity, Mdse. and Jobbing.....	\$322,786.33	
Street Light Appropriation	15,000.00	
Proceeds Sale of Note—Storm Damage	25,000.00	
Miscellaneous	20,795.93	
Total Cash Received		\$383,582.26

TOTAL

\$392,137.28

Cash Disbursed

Operating Accts.—Plant, Mdse. and Jobbing	\$283,731.49	
Construction Accounts	60,427.51	
Interest Paid	3,210.00	
Bonds and Notes Paid	15,500.00	
Transfer to Town Treasurer	24,000.00	
Total Cash Disbursed		\$386,869.00

Cash Balances December 31, 1938

Operation Fund	None	
Depreciation Fund	None	
Construction Fund	\$ 5,018.28	
Petty Cash Fund	250.00	

TOTAL CASH BALANCES December 31, 1938

\$ 5,268.28

COMPARISON OF KILOWATT HOURS SOLD, ALSO INCOME RECEIVED

Kilowatt Hours Sold and Revenue

	K.W.H.	1938 Income	Average Rate	K.W.H.	1937 Income	Ave. Rate
Residence Service	5,076,569	\$212,064.33	4.177	4,798,673	\$202,747.48	4.225
Commercial Service	1,177,962	40,965.06	3.478	1,129,900	47,666.22	4.219
Commercial Power—Retail	498,040	14,199.23	2.851	786,029	19,873.09	2.528
Commercial Power—Wholesale	469,054	8,851.10	1.887	413,780	8,022.55	1.939
Municipal Service	121,598	2,648.02	2.188	114,040	2,687.06	2.356
Municipal Power—Retail	2,502	118.38	4.731	1,738	88.81	5.109
Municipal Power—Wholesale	329,400	6,368.84	1.933	323,800	6,054.93	1.869
Co-operative Resale Service	36,455	1,163.83	3.193	33,053	1,059.47	3.205
Street Lighting	688,672	28,846.93	4.189	647,083	29,217.03	4.515
Totals	8,400,252	\$315,225.72	3.753	8,248,096	\$317,416.64	3.850

INCOME FROM EACH TOWN

	1938	1937	Increase Decrease*
Reading	\$191,166.66	\$193,492.65	\$ 2,325.99*
Lynnfield Center	22,116.65	21,054.75	1,051.90
North Reading	39,227.59	39,455.79	228.20*
Wilmington	61,550.99	62,343.98	792.99*
Other Districts	1,163.83	1,059.47	104.36
Totals	\$315,225.72	\$317,416.64	\$ 2,190.92*

KILOWATT HOURS SOLD IN EACH TOWN

	1938	1937	Increase
Reading	5,730,141	5,698,457	31,684
Lynnfield Center	459,004	420,997	38,007
North Reading	883,369	857,370	25,999
Wilmington	1,291,283	1,238,219	53,064
Other Districts	36,455	33,053	3,402
Totals	8,400,252	8,248,096	152,156

CLASSIFICATION OF CUSTOMERS DECEMBER 31, 1938

	Totals	Reading	Lynn- field Center	Reading	Wilmington
Residence Service	5464	2868	472	823	1301
Commercial Service	478	268	30	60	120
Commercial Power—Retail	96	53	3	12	28
Commercial Power—Wholesale ..	12	9	—	3	—
Municipal Service	42	42	—	—	—
Municipal Power—Retail	6	6	—	—	—
Municipal Power—Wholesale	5	5	—	—	—
Cooperative Resale Service.....	17	9	1	1	6
Private Street Lights	18	6	2	4	6
Public Street Lights	3	—	1	1	1
Totals 1938	6141	3266	509	904	1462
Totals 1937	6117	3310	486	883	1438
Increase	24	—	23	21	24
Decrease	—	44*	—	—	—

COMPARATIVE STATEMENT OF POLE ADDITIONS AND RENEWALS BY SIZES

Pole Size	Additions			Renewals		
	1938	1937	1936	1938	1937	1936
25	—	—	—	1	—	—
30	47	61	52	455	209	146
35	19	32	40	300	229	194
40	—	2	1	44	32	23
45	—	—	—	—	3	—
50	—	—	—	—	—	—
55	—	—	—	—	—	—
Totals	66	95	93	800	473	363

COMPARATIVE STATEMENT OF POLE ADDITIONS AND RENEWALS

	Additions	1938	1937	1936
Reading		17	52	39
Lynnfield Center		24	4	2
North Reading		9	16	16
Wilmington		16	23	36
Total Additions		66	95	93
	Renewals			
Reading		204	199	133
Lynnfield Center		48	73	22
North Reading		184	131	90
Wilmington		364	70	118
Total Renewals		800	473	363
TOTAL POLES HANDLED		866	568	456

NUMBER OF STREET LIGHTS BY SIZES

	Totals	Reading	Lynnfield Center	North Reading	Wil- mington
60 C. P.	1651	605	175	353	518
100 C. P.	19	19	—	—	—
250 C. P.	196	196	—	—	—
400 C. P.	35	35	—	—	—
600 C. P.	98	85	—	—	13
1000 W.	5	5	—	—	—
Totals 1938 ..	2004	945	175	353	531
Hours Burned ..	—	3825	3814	3814	3848

PLANT INVESTMENT ACCOUNTS—ELECTRIC

	Balance Jan. 1, 1938	Additions 1938	Deductions 1938	Balance Dec. 31, 1938
Plant Investment:				
Land	\$ 2,575.80	—	—	\$ 2,575.80
Structures	17,214.65	—	\$ 554.04	16,660.61
Structures—Garage	13,187.20	—	342.30	12,844.90
Boiler Plant—Equip. ..	250.00	—	—	250.00
Prime Movers & Auxil.	250.00	—	—	250.00
Turbo Gen. Units	500.00	—	—	500.00
Electric Plant—Steam.	58,907.61	4,967.22	4,841.62	59,033.21
Trans. Sta. & Substa.				
Equip	33,932.68	7,974.37	1,289.60	40,617.45
Poles, Fixt. & Overhead				
Conductors	255,119.61	29,881.32	15,134.09	269,866.84
Underground Conduit .	75,098.06	986.99	1,643.74	74,441.31
Underground Cond'rs .	62,256.56	7,074.79	2,284.49	67,046.86
Consumers' Meters ...	35,164.58	2,391.50	2,083.40	35,472.68
Consumers' Meters In-				
stallations	10,419.24	1,385.03	534.38	11,269.89
Line Transformers	35,573.37	697.12*	2,245.05	32,631.20
Line Transformers In-				
stallations	4,113.21	87.50	223.77	3,976.94
Street Light Equip. ...	18,003.81	3,733.60	1,853.04	19,884.37
Total Plant Investment	\$622,566.38	\$ 57,785.20	\$ 33,029.52	\$647,322.06
General Equipment:				
Office Equipment	\$ 5,928.00	\$ 570.18	\$ 1,491.68	\$ 5,006.50
Stores Equipment	355.00	101.50	—	456.50
Transport. Equipment .	5,250.00	1,100.00	1,510.00	4,840.00
Laboratory Equipment.	1,764.61	211.54	332.68	1,643.47
Miscellaneous Equip. ..	633.42	30.40	278.56	385.26
Total General Equip...	\$ 13,931.03	\$ 2,013.62	\$ 3,612.92	\$ 12,331.73
Total Investments.....	\$636,497.41	\$ 59,798.82	\$ 36,642.44	\$659,653.79

TOTAL COST OF PLANT AS OF DECEMBER 31, 1938

Cost of Land	\$ 2,575.80	
Cost of Structures	44,816.75	\$ 47,392.55
Generating Plant—Steam:		
Cost of Boiler Plant Equipment	\$ 69,696.71	
Cost of Prime Movers and Auxiliaries.....	21,512.38	
Cost of Turbo Generator Units	46,870.83	
Cost of Electric Plant—Steam	80,693.70	\$ 218,773.62
Transmission, Distribution and Storage:		
Cost of Trans. Sta. and Substa. Equip....	\$ 42,986.50	
Cost of Poles, Fixt. and Overhead Cond....	452,826.57	
Cost of Underground Conduits	82,187.91	
Cost of Underground Conductors	76,149.56	
Cost of Consumers' Meters	69,446.96	
Cost of Consumers' Meters Installations...	17,812.81	
Cost of Line Transformers	51,830.88	
Cost of Line Transformers Installations...	7,459.04	\$ 800,700.23
Utilization Equipment:		
Cost of Street Lighting Equipment.....	\$ 46,326.72	\$ 46,326.72
Total Cost of Electric Plant as Shown by Books		\$1,113,193.12

COST OF DISTRIBUTION SYSTEM IN OUTSIDE TOWNS

North Reading

Total Investment December 31, 1938:

Poles, Fixtures and Overhead Conductors..	\$ 90,237.52	
Consumers' Meters	14,215.12	
Line Transformers	9,750.25	
Street Lighting Equipment	3,477.55	
Substation Equipment	2,014.84	\$ 119,695.28

Lynnfield Center

Total Investment December 31, 1938:

Poles, Fixtures and Overhead Conductors ..	\$ 44,500.30	
Consumers' Meters	7,032.62	
Line Transformers	3,508.34	
Street Light Equipment	2,044.80	
Substation Equipment	1,051.46	\$ 58,137.52

Wilmington

Total Investment December 31, 1938:

Poles, Fixtures and Overhead Conductors..	\$ 137,085.66	
Consumers' Meters	19,392.38	
Line Transformers	10,577.92	
Street Lighting Equipment	4,392.20	
Substation Equipment	2,770.04	\$ 174,218.20

Total Investment—Outside Towns	\$352,051.00
Total Revenue—Outside Towns	\$124,059.06

MATERIALS AND SUPPLIES

Line Materials	\$ 33,108.35
Electric Appliances—In Stock	17,396.59
Electric Appliances—In Consumers' Premises	1,225.35
Tools and Supplies	7,679.05
Coal	739.80
	<hr/>
Total Materials and Supplies	\$ 60,149.14

CASH BALANCES AT CLOSE OF YEAR 1938

PETTY CASH FUND

Petty Cash Fund—Due Town Treasurer	\$ 250.00
--	-----------

OPERATION FUND

DEBITS

Balance at beginning of year	None
Received from Sale of Electricity, Mdse. and Jobbing	\$307,786.33
Received from Appropriation for Street Lights	15,000.00
Received from Proceeds of Note—Hurricane Damage	25,000.00
Received from Operation Funds for Mdse.....	15,000.00
Received from Miscellaneous Items	20,795.93
	<hr/>
Total Debits	\$383,582.26

CREDITS

Expenditures for Operation, Mdse. and Jobbing	\$291,776.45
Mdse. and Jobbing Service Expense	10,542.90
Expended for Hurricane Damage	166.61
Amount Transferred to Depreciation Fund....	32,339.39
Bonds and Notes Paid	15,500.00
Interest Paid on Bonds and Notes.....	3,210.00
Amount Expended for Construction	1,028.63
	<hr/>
Total Credits	\$354,563.98
	<hr/>
Balance December 31, 1938.....	\$ 29,018.28
Amount Transferred to Town Treasurer....	\$ 24,000.00
Amount Transferred to Construction Fund	5,018.28
	<hr/>
Balances December 31, 1938 (After Closing) ...	None

DEPRECIATION FUND

DEBITS

Balance January 1, 1938	\$	None	
Amount Transferred from Income		32,339.39	
		<hr/>	
Total Debits			\$ 32,339.39

CREDITS

Amount Expended for Construction Purposes..	\$	32,339.39	
		<hr/>	
Total Credits			\$ 32,339.39
Balance December 31, 1938			None

CONSTRUCTION FUND

DEBITS

Balance January 1, 1938	\$	8,305.02	
Amount Transferred from Operation		6,046.91	
		<hr/>	
Total Debits			\$ 14,351.93

CREDITS

Amount Expended for Construction Purposes..	\$	9,333.65	
		<hr/>	
Total Credits			\$ 9,333.65
Balance December 31, 1938			\$ 5,018.28

HURRICANE DAMAGE—EMERGENCY FUND

DEBITS

Balance January 1, 1938			None
Received from Notes Payable Issue	\$	25,000.00	
Received from Operation Funds		166.61	
		<hr/>	
Total Debits			\$ 25,166.61

CREDITS

Amount Expended for Renewal of Plant	\$	18,754.47	
Amount Expended for Operation of Plant.....		6,412.14	
		<hr/>	
Total Credits			\$ 25,166.61
			<hr/>
Balance December 31, 1938			None

TABLE A

Year	Income from Sale of Electricity	Income from other Sources	Appropriations from Tax Levy for Street Lights	Appropriations from Tax Levy for Construction	Production Expense	Distribution and Utilization Expense	Miscellaneous Expense	Interest	Depreciation	Bond and Note Payments	Total Cost of Plant December 31
1910	\$ 25,668.87	\$ 604.88	\$10,000.00	\$ 270.00	\$13,228.57	\$3,271.76	\$4,429.32	\$2,535.75	\$3,556.00	\$4,000.00	\$135,992.62
1911	31,317.40	410.77	5,800.00	1,000.00	13,066.25	6,353.77	5,753.84	2,767.00	4,079.78	4,500.00	144,714.06
1912	37,171.93	599.07	5,000.00	5,500.00	17,546.87	5,605.41	5,605.18	3,018.21	4,143.80	7,200.00	173,091.96
1913	44,664.70	671.87	6,000.00	5,076.19	20,054.99	10,705.42	10,214.88	3,515.40	4,788.80	6,800.00	202,518.81
1914	49,799.75	791.14	4,500.00	4,132.07	19,014.03	7,784.82	8,697.05	4,453.33	6,051.08	9,000.00	233,509.58
1915	51,603.32	640.25	10,500.00	none	18,292.78	10,329.83	7,730.32	4,640.42	6,972.28	9,500.00	254,349.09
1916	61,900.01	911.69	5,000.00	none	22,261.19	13,986.22	8,316.39	4,704.99	7,597.47	10,800.00	269,898.27
1917	67,593.64	2,422.92	8,750.00	none	30,460.16	14,557.81	11,577.08	5,070.43	8,096.95	11,300.00	285,428.29
1918	78,095.00	1,537.86	11,000.00	none	41,006.13	13,572.51	11,311.54	6,882.24	8,529.85	14,800.00	348,871.08
1919	100,844.10	1,100.11	14,450.00	none	45,006.98	13,864.14	13,874.46	7,416.21	10,419.76	14,800.00	389,564.73
1920	126,152.11	1,094.66	11,000.00	none	56,187.74	17,085.95	17,142.48	7,850.70	15,507.13	18,300.00	421,048.20
1921	135,886.69	219.20	17,500.00	none	52,738.98	24,453.15	16,594.65	7,423.10	16,767.55	19,300.00	449,540.12
1922	155,505.14	675.94	15,300.00	none	55,137.36	22,473.04	21,749.07	6,807.64	17,959.59	16,800.00	477,852.76
1923	165,971.81	464.31	14,800.00	none	62,732.83	20,247.54	27,138.65	6,437.28	19,011.08	15,800.00	505,983.28
1924	177,889.16	1,373.72	12,000.00	none	61,286.63	25,898.28	32,451.22	6,174.57	20,136.30	15,800.00	530,147.28

TABLE A

Year	Income from Sale of Electricity	Income from other Sources	Appropriations from Tax Levy for Street Lights	Appropriations from Tax Levy for Construction	Production Expenses	Distribution and Utilization Expense	Miscellaneous Expense	Interest	Depreciation	Bond and Note Payments	Total Cost of Plant December 31
1925	185,492.72	1,112.19	11,000.00	none	73,140.10	28,272.55	34,767.23	5,482.46	21,102.86	13,800.00	568,524.09
1926	201,956.03	3,421.99	12,000.00	none	88,478.94	29,349.46	34,513.46	5,100.14	22,637.93	12,800.00	615,915.35
1927	221,343.72	625.30	13,500.00	none	67,661.31	50,863.76	37,505.89	4,763.62	24,533.58	15,800.00	651,367.92
1928	228,414.97	585.27	13,500.00	none	67,410.22	63,361.23	44,676.08	4,062.79	25,951.68	14,800.00	682,234.74
1929	245,942.45	861.14	13,000.00	none	71,418.27	67,309.66	49,303.18	3,440.81	27,186.35	13,800.00	729,196.45
1930	266,891.46	1,995.34	12,000.00	none	79,991.86	77,764.90	48,720.62	3,148.66	29,064.82	12,800.00	767,809.12
1931	276,759.47	4,855.99	13,500.00	none	80,091.66	84,502.49	49,164.87	3,764.01	30,609.33	13,000.00	844,355.52
1932	286,622.54	6,334.73	15,960.00	none	83,281.13	71,776.97	53,993.36	3,772.50	33,671.19	15,000.00	875,155.91
1933	274,696.67	3,129.93	15,200.00	none	80,244.08	56,319.49	48,573.69	3,031.04	34,892.99	12,000.00	908,052.06
1934	264,735.32	3,553.44	13,800.00	none	86,120.77	70,772.83	48,265.75	2,906.05	36,219.05	10,000.00	935,464.20
1935	279,201.27	5,246.90	17,300.00	none	93,856.11	72,417.54	47,693.23	2,858.13	27,986.65	12,000.00	981,877.46
1936	300,754.20	5,372.95	17,500.00	none	97,784.90	72,712.50	52,864.70	2,560.41	29,379.00	11,000.00	994,911.34
1937	317,416.64	6,111.61	14,500.00	none	105,865.41	71,185.85	55,620.82	3,206.67	29,770.06	9,500.00	1,080,555.37
1938	315,225.72	2,682.03	15,000.00	none	110,687.83	66,921.12	58,553.53	3,117.90	32,339.39	15,500.00	1,113,193.12

TABLE B

Year	K. W. H. Generated	K. W. H. Purchased	K. W. H. Sold	K. W. H. Delivered to Read'g. St. Lights	K. W. H. Used at Stat'n. Stock R'm & Appliance Rm.	K. W. H. Unaccounted for	Net Tons of Coal Used	Average Cost of Coal Per Ton	Number of Customers	Number of Street Lights	Horse Power in Motors
1910	698,597		300,861	227,100	16,269	154,367	1,748.3	3.461	738	269	116.5
1911	771,011		367,317	244,055	15,403	144,236	1,807.6	3.341	888	382	215
1912	919,282		481,801	242,033	13,307	182,141	2,247.8	3.741	1,078	698	242.25
1913	1,045,592		599,893	255,744	15,283	174,672	2,680	3.941	1,263	903	272
1914	986,476		578,709	187,590	15,283	204,894	2,496.4	3.666	1,390	993	313.7
1915	980,688		548,607	156,505	10,403	265,173	2,298.2	3.578	1,599	1,181	381
1916	1,231,677		751,735	170,810	13,916	295,216	2,741.7	3.934	1,805	1,225	441
1917	1,291,216		812,507	168,535	12,464	297,710	3,086.7	6.348	1,964	1,295	492
1918	1,318,546		976,121	125,820	10,573	206,032	3,348.8	7.875	2,083	1,303	672
1919	2,056,834		1,358,028	172,948	189,067	336,791	3,640	7.517	2,333	1,339	886
1920	2,297,237		1,444,960	175,704	257,999	418,574	3,615	10.352	2,617	1,363	812.5
1921	2,193,092		1,471,698	178,892	146,206	396,296	3,308.4	10.171	2,939	1,473	1,120.5
1922	2,609,076		1,583,716	183,250	276,477	565,633	3,791.5	9.00	3,234	1,481	1,197.5
1923	3,039,677	3,520	2,046,848	183,935	342,189	470,225	4,577.7	8.94	3,666	1,494	1,367.5

TABLE B

Year	K. W. H. Generated	K. W. H. Purchased	K. W. H. Sold	K. W. H. Delivered to Ready. St. Lights	K. W. H. Used at Statn. Stock Rm. & Appliance Rm.	Unaccounted for	Net Tons of Coal Used	Average Cost of Coal Per Ton	Number of Customers	Number of Street Lights	Horse Power in Motors
1924	3,572,588		2,463,602	209,738	392,281	506,967	3,379.5	6.503	4,058	1,537	1,281.8
1925	4,051,182	25,495	2,848,309	241,476	383,152	578,245	6,317.7	6.358	4,472	1,572	1,395.2
1926	3,600,580	819,787	3,071,944	249,386	366,352	732,685	5,740.2	6.488	4,786	1,602	1,429
1927	406,693	4,396,397	3,676,545	261,361	58,249	806,935	947	6.609	5,017	1,635	1,630.9
1928	none	5,097,768	3,898,620	259,482	25,625	914,041	204	6.354	5,085	1,655	1,723.5
1929	103,985	6,362,853	5,240,360	278,217	56,368	1,163,488	378	6.783	5,221	1,723	2,354.25
1930	none	7,050,708	5,355,542	298,730	52,117	979,492	150	5.75	5,380	1,758	1,592
1931	none	6,885,880	5,640,426	324,162	51,932	857,870	145.8	5.04	5,487	1,762	2,527
1932	none	7,324,775	6,292,489	422,748	57,926	971,974	129.9	4.91	5,547	1,806	2,275
1933	none	7,213,269	6,259,657	375,574	63,444	890,168	92.5	4.53	5,652	1,827	2,165
1934	none	7,516,389	6,522,197	407,660	69,229	924,963	91.5	5.75	5,626	1,864	1,907
1935	none	7,973,642	6,856,394	496,218	70,351	1,046,896	127.	6.34	5,741	1,912	1,900 Est.
1936	none	8,518,418	7,456,400	439,503	105,251	955,722	119.5	5.80	5,915	1,929	2,107 Est.
1937	none	9,227,569	8,248,096	427,614	93,252	886,221	77.0	6.38	6,099	1,988	2,100 Est.
1938	none	9,453,053	8,400,252	430,877	86,960	965,841	76.1	6.56	6,120	2,004	2,100 Est.

VOUCHER REGISTER BALANCE
DECEMBER 31, 1938

* Credit Balance.	Totals	December	November	Oct. and Previous
Ansonia Electric Co. . .	\$ 437.54		\$ 437.54	
Boston Edison Co.	31,004.74	\$ 11,234.21	10,108.33	\$ 9,662.20
Boston Review	25.00		25.00	
Geo. H. Buckminster .	277.71	15.92	261.79	
Davis Emerg'cy Equip. Co., Inc.	31.31		31.31	
Dayton Pump & Mfg. Co.	7.99		7.99	
Decatur & Hopkins Co.	668.18	420.40	63.47	184.31
Dyer-Clark Co.	226.99	6.59	220.40	
Grainger-Rush Co. ...	456.60			456.60
Hardy Electric Supply Co., Inc.	196.87		196.87	
Hazard Insulated Wire Co.	18.00*			18.00*
Hunt-Marquardt Inc...	2.17*			2.17*
Johns-Manville Sales Corp.	389.43		389.43	
Liberty Mut. Ins. Co..	971.86	777.83	194.03	
Milhender-Afes Elec. Supply Co., Inc.	686.40	157.15	359.46	169.79
L. E. Muran Co.	30.65	3.50	27.15	
Palmer Elec. & Mfg. Co.	142.02		142.02	
Phelps Dodge Corp...	32.00*		32.00*	
Remington-Rand Inc..	117.75			117.75
Russell Coal Co.....	555.04			555.04
Schick Dry Shaver, Inc.	1.10	11.10	10.00*	
Simplex Wire & Cable Co.	92.16*	7.00*	85.16*	
Texas Company	420.02	141.27	132.69	146.06
Geo. H. Wahn Co. ...	1,008.38	228.70	600.55	179.13
Webster-Thomas Co...	23.15*			23.15*
Wetmore-Savage Div.	808.96	199.06	307.36	302.54
Wood Preserv. Corp...	2,057.50		2,057.50	
Davis Transf'm'r Co. .	8.40*			8.40*
Addressograph Div. ..	1.45	1.45		
Bos. Cham. of Com...	33.25	33.25		
H. W. Brackett	2.28	2.28		
Eastern Company	38.72	38.72		
Elec. Time Co., Inc...	4.04	4.04		

	Totals	December	November	Oct. and Previous
Electromaster, Inc. ..	20.78	20.78		
Gallant's Elec. Motor Service	34.50	34.50		
Hygrade Sylvania Corp.	23.44	23.44		
Kay & Ess Co.	1.16	1.16		
Landers, Frary & Clark	18.10	18.10		
Petroleum Heat & Power Co.	36.30	36.30		
Laing Chevrolet Co. ..	24.79	24.79		
Reading Chronicle	126.90	126.90		
Wagner Elec. Corp. ..	13.36	13.36		
Weston Elec. Instru- ment Co.	8.94	8.94		
E. L. Wiegand Co. ...	6.17	6.17		
Edward Atkins Co. ..	15.69	15.69		
J. Brinton Bailey	21.60	21.60		
Wm. Blanchard Co. ..	3.25	3.25		
Bromley & Co., Inc. ..	3.00	3.00		
Butts & Ordway Co. ..	15.75	15.75		
Edson Corporation ..	10.65	10.65		
T. C. Fife	11.44	11.44		
Fitzgerald Mfg. Co. ..	1.42	1.42		
General Electric Co. ..	64.29	64.29		
G. E. Supply Corp. ...	281.24	281.24		
Good Housekeeping Shop	6.95	6.95		
Huntley's	2.90	2.90		
Wm. Kelch & Son ...	10.21	10.21		
Line Material Co.	185.06	185.06		
McGraw Electric Co...	5.88	5.88		
N. E. Tel. & Tel. Co. (Service)	108.52	108.52		
N. E. Tel. & Tel. Co. (Construction)	43.00	43.00		
Parsons & Gilman Co., Inc.	25.00	25.00		
Sager Elec. Supply Co.	92.95	92.95		
M. W. Vye Co.	23.40	23.40		
V. Baldwin	4.75	4.75		
Wendell Bancroft & Co.	34.00	34.00		
Brooks' Express	29.09	29.09		
Chicago Flexible Shaft Co.	5.03	5.03		

	Totals	December	November	Oct. and Previous
Eureka Vacuum Clean- er Co.	75.23	75.23		
Harvey Tire & Rubber Co.	27.00	27.00		
Comm. of Mass., State Prison	41.31	41.31		
Pettingell-Andrews Co.	9.15	9.15		
The Pioneer	12.00	12.00		
J. F. Sanborn	14.00	14.00		
Wage Earner	25.00	25.00		
Westinghouse Electric Supply Co.	63.60	63.60		
Henry S. Blethen.....	2.50	2.50		
M. F. Charles	4.20	4.20		
Christian Sci. Pub. Soc.	15.68	15.68		
Clapp & Leach, Inc...	28.33	28.33		
Coleman Lamp & Stove Co. ....	.45	.45		
L. Ellenwood	3.00	3.00		
Francis Bros., Inc.	7.73	7.73		
Don Gray's Dent Shop	3.50	3.50		
Railway Express Agency, Inc.	1.14	1.14		
Fred F. Smith, Inc. ..	18.66	18.66		
Spaulding-Moss Co...	.41	.41		
J. E. Turner & Son	3.50	3.50		
John N. Weston	3.50	3.50		
Woburn Machine Co. .	5.84	5.84		
G. H. Atkinson Co. ...	3.00	3.00		
Crown Stove Works ..	.36	.36		
Railway Term. Adv. Serv., Inc.	10.00	10.00		
Servel, Inc.	17.10	17.10		
Harry E. Smith, Inc. .	23.40	23.40		
Syd's Auto Supply Stores	30.96	30.96		
Martin B. Hartshorn .	2,009.80	2,009.80		
D. M. Laffin	30.55	30.55		
H. J. Montgomery ...	38.85	38.85		
Totals	\$ 44,275.16	\$ 17,117.73	\$ 15,435.73	\$ 11,721.70

**TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT
REPORT OF EXAMINATION**

For the Year Ended December 31, 1938

February 1, 1939

To the Municipal Light Board,
Town of Reading,
Massachusetts.

Gentlemen:

We have examined the books of account and financial records of the Municipal Light Department of the Town of Reading for the year ended December 31, 1938, and submit herein our report consisting of the following exhibits, schedules, comments and explanations.

Exhibits:

"A"—Comparative Balance Sheet as at December 31, 1938 and 1937.

"B"—Comparative Statement of Operations for the years ended December 31, 1938 and 1937.

"C"—Comparative Statement of Profit and Loss for the years ended December 31, 1938 and 1937.

Schedules:

"1"—Comparative classified statement of Income for the years ended December 31, 1938 and 1937.

"2"—Comparative classified statement of Operating Expenses for the years ended December 31, 1938 and 1937.

"3"—Detail of bonds and notes authorized, issued and outstanding as at December 31, 1938.

"4"—Comparative statement of Kilowatt Hours Purchased, Sold, Used and Unaccounted for, for the years ended December 31, 1938 and 1937.

COMMENTS AND EXPLANATIONS OF ASSETS AND LIABILITIES

PLANT INVESTMENT—\$647,322.06.

Changes in plant investment accounts during the year are summarized below.

Account	Balance January 1, 1938	Net Additions	De- preciation	Balance Dec. 31, 1938
Land	\$ 2,575.80	\$.00	\$.00	\$ 2,575.80
Structures	17,214.65	.00	554.04	16,660.61
Structures — Garage and Storeroom	13,187.20	.00	342.30	12,844.90
Boiler Plant Equipment.	250.00	.00	.00	250.00
Prime Movers and Auxil- iaries	250.00	.00	.00	250.00
Turbo-Generator Units .	500.00	.00	.00	500.00
Electric Plant—Steam ..	58,907.61	4,967.22	4,841.62	59,033.21
Transformer Station and Substation Equipment	33,932.68	7,974.37	1,289.60	40,617.45
Poles, Fixtures and Overhead Conductors	255,119.61	29,881.32	15,134.09	269,866.84
Underground Conduits..	75,098.06	986.99	1,643.74	74,441.31
Underground Conductors	62,256.56	7,074.79	2,284.49	67,046.86
Consumers' Meters	35,164.58	2,391.50	2,083.40	35,472.68
Consumers' Meter In- stallations	10,419.24	1,385.03	534.38	11,270.89
Line Transformers	35,573.37	1,337.25	1,554.92	32,631.20
Transformer Installations	4,113.21	87.50	223.77	3,976.94
Street Lighting Equip- ment	18,003.81	3,733.60	1,853.04	19,884.37
TOTALS	\$622,566.33	\$ 57,095.07	\$ 32,339.39	\$647,322.06

Replacements and renewals necessitated by the hurricane of September 21, 1938, amounted to \$18,754.47, which amount was allocated on the books as follows:

Poles, Fixtures and Overhead Conductors	\$16,732.44
Street Lighting Equipment	2,022.03

Total \$18,754.47

Equipment destroyed by the hurricane was considered to be fully depreciated.

Included in the net reduction in "Line Transformers" is \$690.13 representing a book adjustment of a loss on transformers sold.

In our opinion, the additions to these accounts represent proper charges to plant investment.

Depreciation on plant investment accounts, based on 3% of the cost at the beginning of the year, exclusive of land, was charged to operations for the year. Depreciation is applied directly against the asset accounts, and accordingly the balance shown in Exhibit "A" of this report represent depreciated values.

General Equipment—\$12,331.73

This item represents the book values of Office, Stores, Transportation, Laboratory and Miscellaneous equipment, which values, in our opinion, are conservatively stated.

Construction Fund—\$5,018.28

In accordance with Article 4 acted upon at the Town Meeting held in March, 1938, the balance of the Operating Fund at December 31, 1938, amounting to \$6,046.91 was transferred to the Construction Fund. The balance of the Construction Fund at December 31, 1938 was confirmed by the Town Accountant.

"Bills Approval Sheets" were examined and additions and entries in the cash book for the year were thoroughly tested.

Petty Cash Fund—\$250.00

Funds held in the office for the purpose of petty expenditures and making change were counted on January 27, 1939 and were in agreement with the above amount.

Consumers' Deposit Fund—\$9,329.54

The above amount, on deposit with the Mechanics Savings Bank, represents deposits by consumers to guarantee payment of bills owing this Department. Verification was made by reference to a pass book issued by the Mechanics Savings Bank.

Note Receivable—\$428.43

The Department holds a note of George W. Davis, dated June 28, 1936, due in two years, with monthly payments of \$5.00. This represents a renewal of an original note dated June 28, 1932 amounting to \$404.85, to which interest of \$48.58 has been added. No payments were received during 1938.

Accounts Receivable—Consumers—\$30,876.16

The balance of this account represents amounts owing the Department as at December 31, 1938, on account of light and power billings to the close of the last cycle prior to December 31. Our verification comprised the checking of the balances of the various consumers' accounts with lists prepared by the office staff, the total of which was in agreement with the control account. No direct verification was made with consumers.

Amounts determined by the management as uncollectible and charged off during the year amounted to \$1,989.47. Collections on accounts previously charged off totaled \$56.43.

Accounts Receivable—Miscellaneous—\$10,242.33

An aged list of balances owing the Department as at December 31, 1938 on account of sales of miscellaneous appliances, jobbing sales and rentals was prepared by the office staff. Our verification consisted of identifying the balances per this list with the individual ledger accounts. No direct verification was made with the debtors.

The balance outstanding December 31, 1938 may be summarized as follows:

Accounts arising from:	Amount	% of Total
December 1938 billings	\$ 3,603.63	35.18
November 1938 billings	2,492.81	24.34
October 1938 and prior billings	3,169.41	30.86
Lease installments unpaid	985.48	9.62
Total	<hr/> \$10,242.33	<hr/> 100.00

Materials and Supplies—\$60,149.14

We were advised that an inventory of all materials and supplies was taken as of December 31, 1938 under the supervision of the various department heads. A summary of that inventory is given below.

Material and Supplies—General	\$31,843.52
Transmission and Distribution Supplies	79.83
Street Lighting Supplies	492.86
Consumers' Installation Supplies	125.94
Consumers' Meters Maintenance Supplies	125.92
Transportation Supplies	438.89
Removing and Resetting Meters Supplies	1.39

Sub-Total	<hr/> \$33,108.35
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Station Tools and Appliances	749.32
Distribution Tools and Appliances	5,894.02
Printing and Office Supplies	813.33
Lamps and Appliances	17,396.59
Coal Supply	739.80
Station Supplies	222.38
Leased Appliances (depreciated value)	1,225.35*

Total	<hr/> \$60,149.14
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*This account represents the depreciated original installed cost as at December 31, 1938 of electric ranges and water heaters. These appliances are leased for periods of five and seven years respectively and for which the Department receives \$1.50 monthly rental for the stated lease periods. At the expiration of the lease periods and provided all installments have been paid, title passes to the consumer. Depreciation on this equipment has been taken at a rate sufficient to write off the original installed cost over the lease periods and has been applied to account No. 561—"Rent Electric Appliances."

We are advised that most of the inventory at December 31, 1938 was priced at cost. In certain cases depreciated cost was used. Book values of these accounts were adjusted to conform with inventory values. All mathematical computations were checked by us.

Prepaid Insurance—\$1,131.13

The above balance represents the unexpired insurance premiums at December 31, 1938, as computed from insurance policies or invoices examined.

Bonds Payable—\$31,500.00

Notes Payable—\$105,000.00

At a Town Meeting held December 22, 1938, the Treasurer, with the approval of the Selectmen, was authorized to borrow \$25,000.00, said sum to be appropriated for the purpose of repairing damages caused by the hurricane of September 21, 1938.

In accordance therewith, notes in the amount of \$25,000.00 were issued December 29, 1938, due December 29, 1939 bearing interest at the rate of $\frac{1}{4}$ of one per cent per annum.

A total of \$5,500.00 in bonds and \$10,000.00 in notes were retired during the year. Confirmation of the bonds and notes outstanding December 31, 1938 was obtained from the Town Accountant.

A detail of bonds and notes issued and changes in the accounts during the year is set forth in Schedule "3" of this report.

Accounts Payable—\$44,275.16

The liability of the Department on account of unpaid invoices at December 31, 1938, as reflected by the records, was \$44,275.16.

The total unpaid items, per the voucher register, was in agreement with the control account. The above balance may be aged as follows:

December 1938 invoices	\$17,117.73
November 1938 invoices	15,435.73
October 1938 invoices	11,721.70

Total	\$44,275.16
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From invoices examined, it appeared that all invoices applicable to the year had been recorded.

Consumers' Deposits—\$9,329.54

As at December 31, 1938 the Department held the above amount representing deposits made by certain consumers to insure payment of bills owing the Department. This liability is offset by a separate fund on deposit with the Mechanics Savings Bank, previously described in this report under the caption "Consumers' Deposit Fund." The total of balances shown by the individual consumers' accounts was in agreement with the above amount. Interest is paid on deposits held by the Department six months or more at the rate of four (4) per cent per annum.

Accrued Items—\$845.16

Interest accrued on bonds and notes outstanding was computed by us.

Confirmation of the amount owing the Town Treasurer on account of a loan to this Department for petty cash purposes was received from the Town Accountant.

Loans Repayment—\$402,400.00

The balance of this account reflects an increase of \$15,500.00 during the year which represents the amount of bonds and notes retired during 1938. The above balance may be summarized as follows:

	Total Issued	Balance Outstanding	Total Retired
Bonds	\$322,500.00	\$ 31,500.00	\$291,000.00
Notes	216,400.00	105,000.00	111,400.00
Totals	\$538,900.00	\$136,500.00	\$402,400.00

See Schedule "3" of this report for further detail of above.

Appropriation for Construction Repayment—\$39,678.26

This account represents amounts appropriated by the Town from tax levy for the benefit of this Department and which have been fully repaid to the Town by the Department.

Profit and Loss—\$153,103.73

The increase in the profit and loss account amounted to \$1,187.77 for the year. A detail of this increase is set forth in Exhibit "C" of this report.

The net income of the Department for the year amounted to \$41,168.60 before bond and note retirement, payment to the Town Treasurer and miscellaneous adjustments. A detail of net income is shown in Exhibit "B".

COMMENTS AND EXPLANATIONS OF OPERATIONS

A summary of the decrease in net income for the year 1938 from net income in 1937 is as follows:

Items	Increase Decrease*
Total Operating Revenue	\$2,264.17*
Total Operating Expenses	4,842.21
Net Operating Revenue	\$7,106.38*
Deductions from Operating Revenue	1,200.74
Net Operating Income	\$8,307.12*
Non-Operating Income	34.75*
Total Income	\$8,341.87*
Deductions from Total Income	3,536.32*
Net Income	\$4,805.55*

The decrease in total operating revenue for the year appears to be attributable mainly to a reclassification of "Commercial Service" which resulted in a decrease in revenue of \$6,701.16 notwithstanding an increase in kilowatt hours of 48,062, and a decrease in both revenue and kilowatt hours from sales of "Commercial Power—Retail."

Total revenue was also affected adversely by the interruption of service resulting from the hurricane.

Kilowatt hours sold during 1938 totaled 8,400,252 as compared with 8,248,096 for 1937. The average revenue per kilowatt hour sold in 1938 was \$.0375 as compared with \$.0385 for 1937.

A comparative tabulation of kilowatt hours purchased, sold, used and unaccounted for, as shown by the records of the Department, is set forth in Schedule "4" of this report.

Included in total operating expenses is the amount of \$6,412.14 representing extraordinary expenses arising from the hurricane of September, 1938.

OTHER COMMENTS

At a meeting of the voters of the Town held in March, 1938, it was voted that there be included in the tax levy, for electricity used for street lights, the sum of fifteen thousand dollars, and that said sum and the income from sales of electricity to private consumers and for electricity supplied to municipal buildings, and for municipal power, and from sales of appliances and jobbing during the current fiscal year, be appropriated for the Municipal Lighting Plant, and that the sum of

fifteen thousand dollars be appropriated from the receipts of the Department for the sale, installation and servicing of merchandise, equipment, utensils and chattels, as provided in Section 34 of Chapter 164 of the General Laws, said appropriations to be expended by the Manager of Municipal Lighting, under the direction and control of the Municipal Light Board for the expense of the plant, including the sale, installation and servicing of merchandise, equipment, utensils and chattels, as defined in Chapter 164 of the General Laws, or any amendments thereof or additions thereto, and that if said sum and said income shall exceed said expense for said fiscal year, twenty-four thousand dollars shall be turned over to the Town Treasurer out of the profits of the Municipal Light Department, and the balance shall be transferred to the Construction Fund of said Plant and appropriated and used for such additions thereto as may be authorized by the Municipal Light Board.

The excess of income over expenses for 1938, as defined in Section 57 of Chapter 164 of the General Laws amounted to \$25,187.77.

The Department turned over \$24,000.00 to the Town Treasurer in accordance with the above vote.

A contingent liability in the amount of \$18,187.22 existed at December 31, 1938 on account of leases received from installment sales of electrical appliances and which were discounted with the Malden Morris Plan and the First National Bank of Reading.

Leases discounted with the Malden Morris Plan are now held by the First National Bank of Malden.

The cost of repairing the damage caused by the hurricane of September, 1938, amounted to \$25,166.61. As stated previously \$18,754.47 represented replacement and renewals and was charged to plant investment and the balance, or \$6,412.14, was charged against operations for the year and allocated to the following accounts.

Operation of Transmission and Distribution Lines.....	\$5,359.28
Maintenance of Consumer Installations	1,052.86
<hr/>	
Total	\$6,412.14

The Department carries a blanket policy bonding all employees of the Department in the amount of \$2,500.00 each. Additional coverage is carried as follows:

Manager	\$2,500.00
Office Manager	2,500.00
Cashiers (2)	2,500.00 each
Collectors (2)	500.00 each

We have made a series of tests of the operating accounts for the year in order to satisfy ourselves of their general accuracy.

The accompanying exhibits and schedules have been prepared on the basis of and are subject to the comments hereinbefore stated.

For your convenience, these exhibits and schedules are set up in accordance with the "Uniform System of Accounts for Municipal Lighting Plants" as prescribed by the Department of Public Utilities of Massachusetts.

Respectfully submitted,

CHARLES E. STANWOOD & COMPANY.

EXHIBIT "A"

TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT COMPARATIVE BALANCE SHEET

AS AT

December 31, 1933 and 1937

ASSETS

				Increase Decrease*
	Plant Investment	1938	1937	
111	Land	\$ 2,575.80	\$ 2,575.80	\$.00
113	Structures	29,505.51	30,401.85	896.34*
114	Boiler Plant Equipment ...	250.00	250.00	.00
115	Prime Movers and Auxil- iaries	250.00	250.00	.00
116	Turbo-Generator Units ...	500.00	500.00	.00
117	Electric Plant—Steam	59,033.21	58,907.61	125.60
123	Transformer Station and Substation Equipment ...	40,617.45	33,932.68	6,684.77
125	Poles, Fixtures and Over- head Conductors	269,866.84	255,119.61	14,747.23
126	Underground Conduits	74,441.31	75,098.06	656.75*
127	Underground Conductors ..	67,046.86	62,256.56	4,790.30
128	Consumers' Meters	35,472.68	35,164.58	308.10
129	Consumers' Meter Installa- tions	11,269.89	10,419.24	850.65
130	Line Transformers	32,631.20	35,573.37	2,942.17*
131	Transformer Installations .	3,976.94	4,113.21	136.27*
132	Street Lighting Equipment.	19,881.37	18,003.81	1,880.56
TOTAL PLANT EQUIPMENT		\$647,322.06	\$622,566.38	\$ 24,755.68

ASSETS

	1938	1937	Increase Decrease*
General Equipment:			
150 Office	\$ 5,096.50	\$ 5,928.00	\$ 921.50*
152 Stores	456.50	355.00	101.50
153 Transportation	4,840.00	5,250.00	410.00*
154 Laboratory	1,643.47	1,764.61	121.14*
155 Miscellaneous	385.26	633.42	248.16*
<hr/>			
TOTAL GENERAL EQUIPMENT	\$ 12,331.73	\$ 13,931.03	\$ 1,599.30*
<hr/>			
TOTAL INVESTMENT	\$659,653.79	\$636,497.41	\$ 23,156.38
<hr/>			
Current Assets:			
204-2 Construction Fund	\$ 5,018.28	\$ 8,305.02	\$ 3,286.74*
204-3 Petty Cash Fund	250.00	250.00	.00
205-2 Consumers' Deposit Fund	9,329.54	8,730.81	598.73
206 Notes Receivable	428.43	428.43	.00
207-1 Accounts Receivable—Con-			
sumers	30,876.16	29,201.71	1,674.45
207-2 Accounts Receivable—Mis-			
cellaneous	10,242.33	7,852.87	2,389.46
209-1 Materials and Supplies—			
General	33,108.35	29,113.67	3,994.68
2 Station Tools and Appli-			
ances	749.32	766.88	17.56*
3 Distribution Tools and			
Appliances	5,894.02	4,959.28	934.74
4 Printing and Office Sup-			
plies	813.33	700.47	112.86
5 Lamps and Appliances...	17,396.59	18,048.87	652.28*
5A & B Leased Appliances			
(Depreciated)	1,225.35	2,729.45	1,204.10
6 Coal Supplies	739.80	662.39	77.41
9 Station Supplies	222.38	303.24	80.86*
<hr/>			
TOTAL CURRENT ASSETS....	\$116,293.83	\$112,053.09	\$ 4,240.79
<hr/>			
Prepaid Items:			
214 Prepaid Insurance	\$ 1,184.18	\$ 1,196.07	\$ 11.89*
<hr/>			
GRAND TOTALS	\$777,131.85	\$749,746.57	\$ 27,385.28

LIABILITIES AND PROFIT AND LOSS

	1938	1937	Increase Decrease*
Bonds and Notes Payable:			
305 Bonds Payable	\$ 31,500.00	\$ 37,000.00	\$ 5,500.00*
306 Notes Payable	105,000.00	90,000.00	15,000.00
	<hr/>	<hr/>	<hr/>
TOTAL BONDS AND NOTES			
PAYABLE	\$136,500.00	\$127,000.00	\$ 9,500.00
	<hr/>	<hr/>	<hr/>
Current Liabilities:			
308 Accounts Payable	\$ 44,275.16	\$ 43,264.65	\$ 1,010.51
309 Consumers' Deposits	9,329.54	8,730.81	598.73
	<hr/>	<hr/>	<hr/>
TOTAL CURRENT LIABILITIES	\$ 53,604.70	\$ 51,995.46	\$ 1,609.24
	<hr/>	<hr/>	<hr/>
Accrued Items:			
314 Interest Accrued on Bonds and Notes	\$ 595.16	\$ 687.09	\$ 91.93*
315 Other Accrued Items— Loan due Town Treasurer	250.00	250.00	.00
316 Premium on Bonds .....	.00	319.80	319.80*
	<hr/>	<hr/>	<hr/>
TOTAL ACCRUED ITEMS	\$ 845.16	\$ 1,256.89	\$ 411.73*
	<hr/>	<hr/>	<hr/>
Appropriated Surplus:			
322 Loans Repayment	\$402,400.00	\$386,900.00	\$ 15,500.00
323 Appropriation for Con- struction Repayment	30,678.26	30,678.26	.00
	<hr/>	<hr/>	<hr/>
TOTAL APPROPRIATED SUR- PLUS	\$433,078.26	\$417,578.26	\$ 15,500.00
	<hr/>	<hr/>	<hr/>
Profit and Loss:			
400 Profit and Loss Balance (See Exhibit "C")	\$153,103.73	\$151,915.96	\$ 1,187.77
	<hr/>	<hr/>	<hr/>
GRAND TOTALS	\$777,131.85	\$749,746.57	\$ 27,385.28

EXHIBIT "B"

TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT

COMPARATIVE STATEMENT OF OPERATIONS FOR THE YEARS ENDED DECEMBER 31, 1938 AND 1937

	1938	1937	Increase	Ratios
Revenue from Sales—Electric Energy:				
501 Metered Sales—Residence Lighting	\$212,064.33	\$202,747.48	\$ 9,316.85	67.2 68.3
Metered Sales—Commercial Service	40,965.06	47,666.22	6,701.16*	13.0 15.0
Metered Sales—Wholesale Power	8,851.10	8,022.55	828.55	2.8 2.5
Metered Sales—Retail Power	14,199.23	19,873.09	5,673.86*	4.5 6.3
505 Sales to Other Companies	1,163.83	1,059.47	104.36	.4 .3
Street Lighting	28,846.93	29,217.03	370.10*	9.1 9.2
Municipal Buildings—Light and Power	9,135.24	8,830.80	304.44	2.9 2.8
TOTAL REVENUE FROM SALES—ELECTRIC ENERGY	\$315,225.72	\$317,416.64	\$ 2,190.92*	99.9 99.9
508 Rent from Property used in Operations	244.68	317.93	73.25*	.1 .1
TOTAL OPERATING REVENUE	\$315,470.40	\$317,734.57	\$ 2,264.17*	100.0 100.0
Electric Operating Expenses:				
I Production	\$110,687.83	\$105,865.41	\$ 4,822.42	35.1 33.3
II Transmission and Distribution	56,916.80	60,310.79	3,393.99*	18.0 19.0
III Utilization	10,004.32	10,875.06	870.74*	3.2 3.4
IV Commercial	16,254.11	16,434.11	180.00*	5.2 5.2
V New Business	6,671.00	2,986.52	3,684.48	2.1 .9
VI General and Miscellaneous	60,992.21	60,212.17	780.04	19.3 19.0
TOTAL OPERATING EXPENSES	\$261,526.27	\$256,684.06	\$ 4,842.21	82.9 80.8
NET OPERATING REVENUE	\$ 53,944.13	\$ 61,050.51	\$ 7,106.38*	17.1 19.2

EXHIBIT "E" (Continued)

	1938	1937	Increase Decrease*	Ratios 1938 1937
Deductions:				
550 Uncollectible Operating Revenue	\$ 1,933.04	\$ 1,513.10	\$ 419.94	
551 Taxes Assignable to Electric Operations.....	4,771.60	3,990.80	780.80	
TOTAL DEDUCTIONS	\$ 6,704.64	\$ 5,503.90	\$ 1,200.74	
NET OPERATING INCOME.....	\$ 47,239.49	\$ 55,546.61	\$ 8,307.12*	
Non-Operating Income:				
566 Miscellaneous Non-operating Income	\$ 612.77	\$ 647.52	\$ 34.75*	
TOTAL INCOME	\$ 47,852.26	\$ 56,194.13	\$ 8,341.87*	
Deductions from Total Income:				
560 Merchandise and Jobbing Loss	\$ 2,983.01	\$ 5,685.61	\$ 2,702.60*	
561 Rent Electric Appliances	535.26	1,303.01	767.75*	
576 Interest on Bonds and Notes	3,117.90	3,206.67	88.77*	
563 Interest Expense	47.49	24.69	22.80	
TOTAL DEDUCTIONS FROM INCOME.....	\$ 6,683.66	\$ 10,219.98	\$ 3,536.32*	
NET INCOME—TRANSFERRED TO PROFIT AND LOSS EXHIBIT "C"	\$ 41,168.60	\$ 45,974.15	\$ 4,805.55*	

EXHIBIT "C"
TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT
COMPARATIVE ANALYSIS OF PROFIT AND LOSS
For the Years Ended December 31, 1938 and 1937

	1938	1937	Increase Decrease*
Balance—Beginning of Year	\$151,915.96	\$137,723.81	\$ 14,192.15
Additions:			
Net Income—Transferred from Statement of Operations —			
Exhibit "B"	41,168.60	45,974.15	4,805.55*
Premium on Bonds	319.80	.00	319.80
	<hr/>	<hr/>	<hr/>
	\$193,404.36	\$183,697.96	\$ 9,706.40
Deductions:			
Bonds and Notes Retired	\$ 15,500.00	\$ 9,500.00	\$ 6,000.00
Funds Turned Over to Town Treasurer in Accordance with Votes of the Town	24,000.00	22,000.00	2,000.00
Allowances for Rentals Paid in Prior Years on Purchase of Electric Ranges	155.75	282.00	126.25*
Loss on Sale of Transformers	644.88	.00	644.88
	<hr/>	<hr/>	<hr/>
	\$ 40,300.63	\$ 31,782.00	\$ 8,518.63
Balance—End of Year (See Ex- hibit "A")	<hr/> \$153,103.73	<hr/> \$151,915.96	<hr/> \$ 1,187.77
Net Increase or Decrease* in Profit and Loss for Year	\$ 1,187.77	\$ 14,192.15	

SCHEDULE "1"
COMPARATIVE CLASSIFIED STATEMENT OF INCOME
TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT
For the Years Ended December 31, 1938 and 1937

	1938	1937	Increase Decrease*
Metered Sales—Residence Lighting:			
Reading	\$122,763.47	\$117,291.93	\$ 5,471.54
Lynnfield	17,728.46	16,697.70	1,030.76
North Reading	26,996.74	25,780.26	1,216.48

SCHEDULE "1" (Continued)

	1938	1937	Decrease* Increase
Wilmington	44,575.66	42,977.59	1,598.07
Total Residence Lighting	\$212,064.33	\$202,747.48	\$ 9,316.85
Metered Sales—Commercial Service:			
Reading	\$ 25,830.77	\$ 30,450.22	\$ 4,619.45*
Lynnfield	1,399.56	1,292.05	107.51
North Reading	5,392.64	6,406.90	1,014.26*
Wilmington	8,342.09	9,517.05	1,174.96*
Total Commercial Service	\$ 40,965.06	\$ 47,666.22	\$ 6,701.16*
Metered Sales—Wholesale Power:			
Reading	\$ 7,303.59	\$ 6,278.92	\$ 1,024.67
Lynnfield .....	.00	.00	.00
North Reading	1,547.51	1,743.63	196.12*
Wilmington .....	.00	.00	.00
Total Wholesale Power...	\$ 8,851.10	\$ 8,022.55	\$ 828.55
Metered Sales—Retail Power:			
Reading	\$ 11,112.59	\$ 16,049.28	\$ 4,936.69*
Lynnfield	723.26	744.85	21.59*
North Reading	735.23	955.99	220.76*
Wilmington	1,628.15	2,122.97	494.82*
Total Retail Power	\$ 14,199.23	\$ 19,873.09	\$ 5,673.86*
Total Metered Light, Heat and Power Income ...	\$276,079.72	\$278,309.34	\$ 2,229.62*
Sales to Other Electric Companies:			
Wakefield	\$ 350.62	\$ 350.43	\$.19
Lowell	59.58	53.95	5.63
Lawrence	662.50	553.51	108.99
Peabody	8.80	9.00	.20*
Edison Electric Illuminating Co. of Boston	82.33	92.58	10.25*
Total Sales to Other Com- panies	\$ 1,163.83	\$ 1,059.47	\$ 104.36

SCHEDULE "1" (Continued)

	1938	1937	Increase* Decrease
Municipal Revenue:			
Street Lighting:			
Reading	\$ 15,021.00	\$ 14,591.50	\$ 429.50
Lynnfield	2,265.37	2,330.15	64.78*
North Reading	4,555.47	4,569.01	13.54*
Wilmington	7,005.09	7,726.37	721.28*
Total Street Lighting In- come	\$ 28,846.93	\$ 29,217.03	\$ 370.10*
Buildings:			
Lighting and Heat	\$ 2,648.02	\$ 2,687.06	\$ 39.04*
Power—Retail and Wholesale	6,487.22	6,143.74	343.48
Total Income — Municipal Buildings	\$ 9,135.24	\$ 8,830.80	\$ 304.44
Total Income From Sales— Electric Energy	\$315,225.72	\$317,416.64	\$ 2,190.92*
(See Exhibit "B")			

SCHEDULE "2"

TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT COMPARATIVE CLASSIFIED STATEMENT OF OPERATION EXPENSES

For the Years Ended December 31, 1938 and 1937

	1938	1937	Increase Decrease*
I Production Expenses:			
609 Station Supplies	\$.00	\$ 5.93	\$ 5.93*
611 Maintenance of Station Structures	413.81	1,488.73	1,074.92*
612 Maintenance of Boiler Plant Equipment	25.00	1.35	23.65
613 Maintenance of Steam En- gines .....	.00	14.38	14.38*
616 Maintenance of Accessory Electric Equipment	55.89	360.01	304.12*
634 Electric Energy Purchased	110,193.13	103,995.01	6,198.12
Total Production Expenses	\$110,687.83	\$105,865.41	\$ 4,822.42

SCHEDULE "2" (Continued)

	1938	1937	Decrease* Increase
II Transmission and Distribution Expenses:			
636 Transformer Station and Sub-Station Superintendence and Labor	\$ 9,191.67	\$ 9,100.94	\$ 90.73
637 Transformer Station and Sub-Station Supplies and Expense	703.05	1,989.58	1,286.53*
638 Operation of Transmission and Distribution Lines.....	21,882.18	21,829.32	52.86
639 Transmission and Distribution Supplies and Expense	1,121.81	875.09	246.72
640 Inspecting and Testing Meters	1,436.43	1,554.67	118.24*
641 Removing and Resetting Meters	4,119.78	3,274.46	845.32
642 Removing and Resetting Transformers	427.71	203.00	224.71
646 Maintenance of Transformer Station and Sub-Station Equipment	539.34	316.69	222.65
647 Maintenance of Transmission and Distribut'n Lines	13,295.38	17,411.74	4,116.36*
647-2 Maintenance of Transmission and Distribut'n Lines (Highway Construction).	3,314.32	2,845.99	468.33
648 Maintenance of Underground Conduits ...*....	16.62	343.81	327.19*
649 Maintenance of Underground Conductors .....	.00	38.39	38.39*
650 Maintenance of Consumers' Meters	472.91	433.76	39.15
651 Maintenance of Transformers	395.60	93.35	302.25
Total Transmission and Distribution Expenses	\$ 56,916.80	\$ 60,310.79	\$ 3,393.99*
III Utilization Expenses:			
654 Operation of Municipal Street Lamps	\$ 2,879.32	\$ 3,151.68	\$ 272.36*
657 Maintenance of Municipal Street Lamps	996.26	656.40	339.86

SCHEDULE "2" (Continued)

	1938	1937	Decrease* Increase
659 Maintenance of Consumers' Installations	6,128.74	7,066.98	938.24*
Total Utilization Expenses	<u>\$ 10,004.32</u>	<u>\$ 10,875.05</u>	<u>\$ 870.74*</u>
Total Production, Transmission and Distribution and Utilization Expenses	\$177,603.95	\$177,051.26	\$ 557.69 Increase Decrease*
	1938	1937	
IV Commercial Expenses:			
660 Commercial Salaries	\$ 11,051.31	\$ 11,404.91	\$ 353.60*
661 Commercial Supplies and Expenses	5,202.80	5,020.20	173.60
Total Commercial Expenses	<u>\$ 16,254.11</u>	<u>\$ 16,425.11</u>	<u>\$ 180.00*</u>
V New Business Expenses:			
662 New Business Salaries	\$ 3,040.02	\$ 106.20	\$ 2,933.82
663 New Business Supplies and Expenses	27.46	.00	27.46
664 Advertising	3,603.52	2,880.32	723.20
Total New Business Expenses	<u>\$ 6,671.00</u>	<u>\$ 2,986.52</u>	<u>\$ 3,684.48</u>
VI Miscellaneous and General Expenses:			
666 Salary of Manager.....	\$ 5,980.00	\$ 5,980.00	\$.00
667 Salaries of General Office Clerks	7,976.88	6,846.94	1,129.94
668 General Office Supplies and Expenses	2,235.75	1,464.67	771.08
669 General Office Rents	1,193.25	1,224.31	31.06*
671 Insurance	2,243.53	2,199.30	44.23
673 Accidents and Damages....	25.84	84.67	58.83*
674 Stores Expense	3,427.64	3,849.36	421.72*
675 Transportation Expense ...	2,458.02	4,359.21	1,901.19*
676 Inventory Adjustments	2,260.08	3,292.53	1,032.45*
677 Maintenance of General Structures	561.11	801.87	240.76*
678 Depreciation	32,349.30	29,770.06	2,569.33
679 Miscellaneous General Expense	290.72	339.25	48.53*
Total Miscellaneous and General Expenses	<u>\$ 60,992.21</u>	<u>\$ 60,212.17</u>	<u>\$ 780.04</u>
Total Operating Expenses	<u>\$261,526.27</u>	<u>\$256,684.06</u>	<u>\$ 4,842.21</u>

SCHEDULE "3"
TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT
BONDS AND NOTES AUTHORIZED, ISSUED AND
OUTSTANDING AS AT DECEMBER 31, 1938

BONDS:		Amount of		Rate of		Interest Payable	Amount		Balance	
		No. of	Date	Issue	Payments of Principal	Int.	Retired to	Amount Retired During 1938	Out- Standing December	Accrued Interest December
Issue Authorized	Issued									
1 August 1894	10- 1-1894			\$ 50,000.00	\$1,000, yearly	4 %	April 1-October 1	\$ 50,000.00	31, 1938	31, 1938
					2,000, yearly			\$.00	\$.00	\$.00
2 May 1907	10- 1-1907			26,000.00	1,000 yearly	4½	April 1-October 1	26,000.00	.00	.00
3 June 1911	7-15-1911			20,000.00	2,000, yearly	4	January 15-July 15	20,000.00	.00	.00
4 August 1913	10-15-1913			23,500.00	1,500, yearly	4½	April 15-October 15	23,500.00	.00	.00
					1,000, yearly			.00	.00	.00
5 Sept. 1914	9-15-1914			8,000.00	500, yearly	4½	March 15-Sept. 15	8,000.00	.00	.00
6 March 1916	5-15-1916			10,000.00	500, yearly	4	Nov. 15-May 15	10,000.00	.00	.00
7 March 1917	10- 1-1917			55,000.00	3,000, yearly	4½	April 1-October 1	55,000.00	.00	.00
					1,000, yearly			.00	.00	.00
8 October 1918	1- 1-1919			12,000.00	1,000, yearly	4½	January 1-July 1	11,000.00	500.00	11.25
					500, yearly			500.00		
9 March 1919	4- 1-1919			20,000.00	1,000, yearly	4¾	October 1-April 1	18,000.00	1,000.00	11.88
10 March 1920	5- 1-1920			20,000.00	1,000, yearly	5	Nov. 1-May 1	17,000.00	2,000.00	16.66
11 Dec. 1923	12- 1-1923			10,000.00	1,000, yearly	4½	June 1-Dec. 1	10,000.00	.00	.00
12 March 1926	8- 1-1926			13,000.00	3,000, yearly	4	February 1-August 1	13,000.00	.00	.00
					2,000, yearly			.00	.00	.00
13 March 1930	6- 1-1930			15,000.00	2,000, yearly	4	June 1-December 1	12,000.00	2,000.00	6.67
					1,000, yearly			1,000.00		
14 March 1931	4-15-1931			40,000.00	2,000, yearly	3½	October 15-April 15	12,000.00	26,000.00	189.58
Total Bonds				\$322,500.00				\$285,500.00	\$ 31,500.00	\$ 236.04
								\$ 5,500.00	\$ 5,500.00	\$

NOTES:

1	March 1895	5- 1-1896	\$ 7,000.00	\$1,400.	yearly	5 Yrs.	4	%	November 1-May 1	\$ 7,000.00	\$.00	\$.00	.00
2	March 1896	5- 1-1896	7,000.00	1,400.	yearly	5 Yrs.	4		November 1-May 1	7,000.00	.00	.00	.00
3	Dec. 1896	12- 9-1896	1,500.00	1,500.	yearly	1 Yr.	4		June 9-December 9	1,500.00	.00	.00	.00
4	March 1898	7-15-1898	3,000.00	1,000.	July 15, 1901	3 $\frac{3}{4}$			January 15-July 15	3,000.00	.00	.00	.00
				2,000.	July 15, 1904								
5	March 1903	12- 7-1903	1,400.00	1,400.	December 7, 1906	4			June 7-December 7	1,400.00	.00	.00	.00
6	March 1909	11-15-1909	2,500.00	1,000.	Nov. 10, 1910	4			May 15-November 15	2,500.00	.00	.00	.00
				1,500.	Nov. 15, 1911								
7	Nov. 1909	1-21-1910	1,800.00	1,800.	January 3, 1913	4			July 21-January 21	1,800.00	.00	.00	.00
8	January 1910	3-27-1910	12,000.00	1,000.	yearly	12 Yrs.	4		Sept. 27-March 27	12,000.00	.00	.00	.00
9	June 1911	7- 2-1911	2,200.00	2,200.	July 12, 1912	4			January 12-July 12	2,200.00	.00	.00	.00
10	March 1913	4-16-1913	13,500.00	1,500.	yearly	9 Yrs.	4 $\frac{1}{4}$		October 16-April 16	13,500.00	.00	.00	.00
11	March 1915	5-15-1915	12,000.00	800.	yearly	15 Yrs.	4		November 15-May 15	12,000.00	.00	.00	.00
12	March 1915	7-15-1915	4,000.00	500.	yearly	8 Yrs.	4		January 15-July 15	4,000.00	.00	.00	.00
13	March 1917	9-22-1917	6,500.00	500.	yearly	13 Yrs.	5		March 22-Sept. 22	6,500.00	.00	.00	.00
14	Nov. 1919	11-20-1919	3,000.00	1,500.	yearly	2 Yrs.	5		May 20-November 20	3,000.00	.00	.00	.00
15	March 1921	7- 1-1921	7,000.00	1,000.	yearly	7 Yrs.	6		January 1-July 1	7,000.00	.00	.00	.00
16	Dec. 1922	12-15-1922	7,000.00	1,000.	yearly	7 Yrs.	4 $\frac{1}{2}$		June 15-December 15	7,000.00	.00	.00	.00
17	March 1934	5-15-1934	20,000.00	2,000.	yearly	10 Yrs.	3		May 15-November 15	6,000.00	2,000.00	12,000.00	45.00
18	March 1935	6-15-1935	20,000.00	2,000.	yearly	10 Yrs.	1 $\frac{3}{4}$		June 15-December 15	4,000.00	2,000.00	14,000.00	10.20
19	March 1937	4- 1-1937	60,000.00	6,000.	yearly	10 Yrs.	2 $\frac{1}{4}$		April 1-October 1	.00	6,000.00	54,000.00	303.75
20	Dec. 1938	12-29-1938	25,000.00	25,000.	Dec. 29, 1939	$\frac{1}{4}$				.00	.00	25,000.00	.17
Total Notes			\$216,400.00							\$101,400.00	\$ 10,000.00	\$105,000.00	\$ 359.12
Total Bonds and Notes										\$386,900.00	\$ 15,500.00	\$136,500.00	\$ 595.16

SCHEDULE "4"

TOWN OF READING—MUNICIPAL LIGHT DEPARTMENT COMPARATIVE DETAIL OF KILOWATT HOURS PURCHASED, SOLD AND USED

For the Years Ended December 31, 1938 and 1937

Kilowatt Hours:	1938	1937	Increase Decrease*
Generated	00	00	00
Purchased	9,453,053	9,227,569	225,484
TOTAL	9,453,053	9,227,569	225,484
Kilowatt Hours Sold:			
Residence Service	5,076,569	4,798,673	277,896
Commercial Service	1,177,962	1,129,900	48,062
Commercial Power—Retail ...	498,040	786,029	287,989*
Commercial Power—Wholesale	469,054	413,780	55,274
Municipal Service	121,598	114,040	7,558
Municipal Power—Wholesale.	329,400	323,800	5,600
Municipal Power—Retail	2,502	1,733	764
Co-operative Re-sale Service..	36,455	33,053	3,402
Street Lighting	688,672	647,083	41,589
TOTAL KILOWATT HOURS SOLD	8,400,252	8,248,096	152,156
Kilowatt Hours Used at Sta- tion, Office, and Garage and Miscellaneous	82,788	77,180	5,608
Kilowatt Hours Used for Christmas Illumination	4,172	16,072	11,900*
Kilowatt Hours Unaccounted for	965,841	886,221	79,620
TOTAL	9,453,053	9,227,569	225,484
Per Cent Unaccounted for....	10.22%	9.60%	

EIGHTEENTH ANNUAL REPORT

of the

BOARD OF PUBLIC WORKS

For the Year Ended

December 31, 1938

REPORT OF THE BOARD OF PUBLIC WORKS

To the Citizens of Reading:

The Board of Public Works organized on March 11, 1938, the first meeting date after the Town Election, with Alexander Lindsay as Chairman and Harold W. Putnam as Secretary. Philip Welch was re-appointed as Superintendent.

The several departments under the direct control of the Board of Public Works have functioned in a manner which, we believe, has been to the best interest of the town and the taxpayers. The policies determined by the board have been carried out under the supervision of the Superintendent.

Water Department

The filtration plant continues to operate efficiently. The filters have been raked and cleaned as needed. Frequent tests made by our own engineers and the State Department of Public Health show the filtered water to be practically free from iron and carbon-dioxide, and to be of excellent quality.

The dual 12" distribution main on Grove street, from the corner of Franklin street to the pumping station, has been partially completed. It is hoped that the installation of this main will be completed this year.

Due to the exceptionally high water level in the well field throughout 1938, it was impossible to drive new wells. New wells and suction mains will be installed in 1939, if the water level permits.

During the hurricane in September, the power line to the pumping station was out of commission for fifty hours. The situation, while serious, was not alarming. The board does, however, consider it worthwhile to consider the possibility of making available emergency auxiliary power. This matter is being given serious consideration.

Highway Department

In general, we feel that the surface of the streets of the town are in good condition. There still remain a few streets which need complete resurfacing. It is hoped these will be resurfaced in 1939. The department believes that the townspeople wish good streets and hopes the town will appropriate sufficient funds to properly maintain the street surfaces. This, in the long run, will be good economy.

The last section of roadway construction on Woburn street under State Aid was completed this past year. Due to the state political situation, funds for this work were not released until late in the year. The project on Lowell street was about one half completed and will be finished in the spring of 1939.

Three streets were accepted as public ways at town meetings. One of these has been completed. One has not been started. The third necessitated a deep fill and it was thought advisable to allow this fill to settle through the winter, before applying the finished surface.

Parks and Playgrounds

The attendance on the parks and playgrounds, especially by older children, has increased considerably of late. The board has received several requests for various additions of play equipment and areas. The size of the present appropriations does not permit such expansion. To furnish everything requested would necessitate a substantial increase in the budget appropriations.

The wading pool at Birch Meadow was greatly enlarged and a chain link fence erected. The pool was very popular during the summer months. An attendant was present whenever the pool was open for use.

The baseball field at Washington Street Park was heavily used during 1938. The turf on the field is in good condition, due to the constant care and attention given it since it was laid in 1935. With the great amount of use it receives, it will be necessary to continue to give the field constant attention or the good results so far obtained will be lost.

Tennis continues to be quite popular. The board is desirous of resurfacing several courts and hopes the town will appropriate funds for this purpose.

Persons receiving welfare aid from the town were used during 1938 to clean and maintain the parks and playgrounds. Because the department does not have its own caretakers these persons were of great assistance. Through them the parks and playgrounds received attention which, otherwise, it would have been impossible to furnish.

Sewer Department

At the town meeting in March, 1938, the town voted to accept Chapter 280 of the Acts of 1937. This acceptance increased greatly the number of applications for connections with the common sewer. During the year, notices were sent to all persons owning property affected by this Act. These owners will again receive notices in 1939 and in all subsequent years until the ten year period, included in the regulations, has elapsed.

The sewer cleaning machine purchased in 1937 has been used extensively and the efficiency and economy of operation attained has proved the wisdom of the purchase.

Drainage

8,203.7 feet of drain pipes were laid in 1938, varying in size from six inch to thirty inch. 5,354 feet were laid by W. P. A. employees and 2,849.7 feet were laid by department employees. These drains eliminated several irritating drainage conditions. There still exists several irritating and unhealthy drainage conditions which will be eliminated as fast as available funds will permit.

It might be well to call to the towns' attention again the condition which exists in the low areas adjacent to Lake Quannapowitt. The condition gets worse each succeeding year. It has now reached a point where it is causing great irritation to property owners in the vicinity. The Town should give this area serious consideration and make plans to eliminate a very ugly and unhealthy condition.

Snow and Ice

During 1938, 54.75 inches of snow fell and it was necessary to plow the highways nine times. Snow was removed from the business areas and churches on all occasions. Sanding operations were carried on continuously as needed.

Judging from comments, the speedy plowing and removing of snow is greatly appreciated by many.

Sidewalks

The past year showed a large increase in the number of applications for sidewalks and curbing. The funds available did not permit completing all applications. Those held over will be given first choice in 1939.

The board inaugurated, in 1938, a planned program for the installation of sidewalks and curbing throughout the central district where the traffic, both vehicular and pedestrian, is heavy. This program will be continued in 1939.

Garage

The department has now been occupying the new garage on John Street for the past year. It is a great improvement over the old barn. The department hopes to be able to grade and beautify the area in front of the building in 1939.

The department deeply appreciates the action of the town in appropriating funds to build the garage.

Personnel

The employees of all departments have worked loyally and industriously throughout the year. Many times it has been necessary for them to work many hours overtime, in emergencies. This they have done without complaint.

We wish to thank the citizens of the town for their words of encouragement and commendation. We also wish to thank those who have offered constructive criticisms and suggestions, many of which have been incorporated in the routine of the department.

A more detailed report of the activities of the department will be found in the report of the superintendent for those who wish to acquaint themselves with the details of the work done by the department during the past year.

Respectfully submitted,

ALEXANDER LINDSAY, Chairman.
HAROLD W. PUTNAM, Secretary.
EDWARD A. BROPHY
WENDELL P. DAVIS
ALEXANDER WILLIAMSON
Board of Public Works.

SUPERINTENDENT'S REPORT

To the Board of Public Works:

Gentlemen:

As required by Section 4, Chapter 118 of an Act authorizing the Town of Reading to establish a Board of Public Works, I respectfully submit for your consideration the eighteenth annual report of the Department of Public Works (Water, Highway, Sewer, and Park) including a financial report of each department, and a chronicle of the principal work performed with recommendations for the coming year.

WATER DEPARTMENT

Maintenance Account:

Appropriation \$ 55,341.32

Expenditures:

1. Office Maintenance:

Pay Roll	\$ 2,144.95	
Supplies, Printing, etc.	648.93	
Insurance	1,112.13	
		\$ 3,906.01

2. Pumping Station Costs:

Station No. 1 Mill St.		
Pay Roll	814.29	
Light, Phone and Fuel	589.81	
Misc. Supplies and Repairs	71.14	
		1,475.24

Station No. 2 Strout Ave.		
Pay Roll	2,120.32	
Light and Power	5,080.94	
Heater Oil	189.13	
Misc. Supplies and Repairs....	165.48	
Maint. of Strout Ave.	90.00	
		7,645.87

Filtration Plant:		
Pay Roll	385.79	
Misc. Suplies and Repairs	222.90	
Engr. Weston and Sampson...	303.25	
		911.94

3. Maintenance of Meters:

Pay Roll	\$ 1,669.04	
Supplies and Fittings	297.77	
Express	9.40	
		1,976.21

4. Maintenance of Service Pipes:

Pay Roll	1,634.96	
Supplies and Miscellaneous....	236.98	
		1,871.94

5. Maintenance of Main Pipes :		
Pay Roll	542.71	
Supplies, Tools and Misc.	186.11	
	<hr/>	728.82
6. Maturing Bonds	11,000.00	
	<hr/>	11,000.00
7. Bond Interest	2,237.50	
	<hr/>	2,237.50
8. Truck and Equipment Maintenance :		
Repairs and Misc. Supplies....	176.04	
Gas and Oil	308.16	
Tires and Tubes	60.00	
Transfer to Rd. Mch. Acc.	144.00	
	<hr/>	688.20
9. Garage Maintenance :		
Pay Roll	448.15	
Misc. Supplies, Lights, Fuel, etc.	762.83	
	<hr/>	1,210.98
10. Main Pipe Construction :		
Pay Roll	3,375.03	
Pipe	7,368.20	
Supplies and Fittings.....	2,103.58	
Blasting	768.06	
Tools and Repairs to Tools....	628.48	
Miscellaneous	110.20	
Express and Freight	8.75	
	<hr/>	14,362.30
11. Service Pipe Construction :		
Pay Roll	\$ 933.26	
Pipe	616.73	
Supplies and Fittings	1,796.43	
Express	22.84	
	<hr/>	3,369.26

12. Meter Construction:		
New Meters	463.05	
	<hr/>	463.05
13. Hydrant Maintenance:		
Pay Roll	697.15	
New Hydrants	463.81	
Repairs	78.17	
	<hr/>	1,239.13
14. Standpipe Maintenance (Auburn St.):		
Pay Roll	34.71	
Painting Contract	1,460.00	
Supplies and Miscellaneous ...	17.10	
	<hr/>	1,511.81
15. Miscellaneous Payroll	738.92	
	<hr/>	738.92
Grand Total Expended....		<hr/> \$ 55,337.18
Balance Dec. 31, 1938.....		<hr/> \$ 4.14
1938 Receipts:		
Meter Rates	\$ 46,021.45	
Service Pipe Maintenance	310.56	
Service Pipe Construction	703.20	
Rent	180.00	
Fines and Summons	96.60	
Hydrant Rental	1,600.00	
Drinking Fountains	100.00	
Sprinklers	48.00	
Miscellaneous	18.61	
	<hr/>	
Total		\$ 49,078.42
Total Cost of Water System from beginning to January 1, 1938.....		768,079.17
Main Extension, Maint. Account.....	14,362.30	
Meters	463.05	
	<hr/>	14,825.35
Total Cost December 31, 1938.....		<hr/> \$782,904.52

Rainfall at Pumping Station

Month	Normal Rain Fall—Inches	Rain-fall in 1938—Inches	Excess or Deficiency 1938
January	3.47	4.08	+ .61
February	3.26	2.07	—1.19
March	3.72	2.11	—1.61
April	3.98	3.12	— .86
May	2.93	3.51	+ .58
June	3.66	7.18	+3.52
July	3.40	11.42	+8.02
August	3.39	2.19	—1.20
September	3.84	8.33	+4.49
October	2.95	2.93	— .02
November	3.15	1.86	—1.29
December	3.47	2.85	— .62
Totals	41.22	51.65	+10.43

The average rainfall for Massachusetts as deduced by the State Department of Public Health from long continued observation in various parts of the State is 44.54 inches.

As may be seen by a table in this report showing the amount of rain-fall for the years 1900-1938 inclusive, the average rainfall at the Reading Pumping Station No. 1 on Mill Street is 41.22 inches.

The rainfall in 1938 in Reading was an excess of 7.11 inches compared with the state observations and an excess of 10.43 inches compared with the Reading Pumping Station observations.

There was an excess of rainfall in the month of January, May, June, July and September of 17.22 inches; and a deficiency in the months of February, March, April, August, October, November and December of 6.79 inches, comparing each month with an average rainfall between the years of 1900-1938 inclusive.

The greatest rainfall in 1938 for any one month was in July, with a fall of 11.42 inches, which also set an all-time record monthly rainfall from 1900-1938 inclusive; in any one day, Sunday, September 18, 1938, with a fall of 2.74 inches. The year's rainfall of 51.65 inches equals the former record fall of 1901 when the same rainfall was recorded. The elevation of the Hundred Acre Meadow Pumping Station is approximately 80 feet above sea level.

AMOUNT OF RAINFALL FOR YEARS 1900 TO 1938 INCLUSIVE

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1900	5.32	8.69	5.03	2.15	4.60	3.13	1.90	3.17	4.15	3.31	5.05	2.44	48.94
1901	1.35	1.08	5.88	9.59	7.21	1.74	4.65	2.66	3.59	2.76	3.06	8.10	51.65
1902	1.80	6.11	4.09	6.22	1.69	1.98	3.02	3.75	4.01	4.91	0.99	5.60	44.77
1903	3.81	3.10	4.38	4.95	3.88	8.91	3.40	3.42	2.29	3.69	1.33	2.59	44.44
1904	4.42	1.47	2.21	0.90	3.56	2.56	1.88	4.26	5.16	2.02	1.80	2.25	42.23
1905	5.44	2.27	2.92	2.59	1.39	6.11	1.19	3.50	7.87	1.20	2.22	3.72	39.42
1906	2.60	2.53	6.48	2.84	5.14	2.63	5.88	1.33	1.36	2.38	3.31	3.08	42.41
1907	3.97	2.10	2.40	3.21	2.89	1.80	3.58	1.33	7.90	3.56	1.10	3.60	44.97
1908	3.07	4.28	2.72	1.71	4.00	3.80	3.09	1.33	0.86	3.36	6.10	2.66	32.70
1909	4.17	5.33	3.57	3.95	1.97	2.14	3.59	2.75	3.74	1.23	4.06	3.60	40.10
1910	4.54	3.14	1.58	2.32	1.19	4.36	1.98	2.61	2.45	1.48	4.30	1.92	31.87
1911	2.25	2.94	3.12	1.89	0.73	3.43	4.79	3.80	2.94	2.91	4.14	3.57	36.45
1912	2.68	2.42	5.04	4.05	5.07	0.29	6.44	2.02	3.02	1.45	3.10	4.80	41.04
1913	2.48	2.64	4.51	3.76	3.45	0.93	1.68	3.48	3.66	7.56	2.13	3.24	39.52
1914	3.34	3.65	4.09	6.32	2.76	1.44	2.34	2.78	0.23	1.51	2.92	3.69	35.07
1915	5.52	3.54	0.00	2.72	1.68	4.60	8.76	6.66	0.70	2.80	2.93	5.47	45.38
1916	1.22	5.37	3.37	5.14	4.59	5.86	3.13	2.30	3.11	1.01	1.94	2.01	39.05
1917	2.92	2.41	4.18	2.90	4.00	4.78	1.19	3.70	1.46	5.75	1.39	2.65	37.33
1918	3.08	3.02	2.02	4.10	0.85	3.01	2.99	2.81	8.37	1.02	2.24	2.48	36.02
1919	3.24	3.61	4.01	2.46	5.44	0.88	3.22	3.83	5.65	2.63	6.20	1.53	42.70
1920	2.75	6.46	4.21	5.75	3.27	5.24	1.94	2.02	4.27	1.16	4.67	4.82	46.56
1921	2.09	3.43	2.43	5.48	1.37	4.02	9.79	1.96	1.74	1.57	6.50	2.28	43.15
1922	1.77	2.72	4.27	1.37	5.08	11.27	4.88	3.26	3.68	2.73	1.06	3.12	43.24
1923	6.95	1.67	2.90	5.17	1.56	2.79	1.98	3.17	0.82	3.63	4.13	4.83	39.30
1924	3.77	2.55	1.71	4.25	3.10	2.53	3.70	2.37	7.95	0.05	2.56	1.52	37.49
1925	2.88	2.14	7.66	2.95	2.05	5.62	3.13	2.87	2.16	4.60	3.94	5.53	46.49
1926	2.53	4.41	2.83	2.24	2.19	1.80	2.08	3.30	1.32	3.95	3.89	3.08	33.62
1927	2.32	3.18	1.30	1.43	2.19	2.27	3.04	5.28	2.68	4.10	4.18	4.77	36.74
1928	2.17	3.37	1.45	5.13	2.77	6.63	3.65	3.84	4.18	2.96	2.28	2.57	41.00
1929	3.14	3.76	3.49	6.81	3.50	1.21	1.19	4.53	2.41	2.49	2.87	3.63	39.03
1930	2.48	2.05	3.29	1.90	3.38	2.19	4.07	2.77	0.79	4.45	3.68	2.20	33.25
1931	3.27	2.72	4.94	3.07	3.53	6.47	3.76	4.11	1.97	2.43	1.26	3.72	41.25
1932	3.92	1.90	4.83	2.01	1.17	1.81	2.04	5.09	9.27	7.26	5.25	1.29	43.81
1933	2.27	3.46	7.22	6.51	2.70	1.27	1.47	4.41	9.97	3.50	0.96	3.47	47.21
1934	3.17	3.29	5.13	3.09	2.52	4.00	1.25	1.73	6.43	3.89	2.03	2.70	39.23
1935	6.13	3.23	1.06	4.72	1.44	6.21	2.67	1.98	4.03	0.58	4.36	0.90	37.31
1936	6.60	3.09	7.23	3.01	2.05	2.73	1.75	4.49	4.15	1.59	1.37	8.24	46.30
1937	4.50	1.80	3.21	4.61	3.13	3.45	0.97	3.91	3.04	4.48	1.80	4.89	43.17
1938	4.08	2.07	2.11	3.12	3.51	7.18	11.42	2.19	8.33	2.93	1.86	2.85	51.65
Average	3.47	3.26	3.72	3.98	2.93	3.66	3.40	3.39	3.84	2.95	3.15	3.47	41.22

Table Showing Amount of Rain and Melted Snow

Day of Month	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.17	.....	.....	.....	.....	.....	.30	.27	.....	.....	.....	.....
2	.....	.....	T	-T	.....	.....	.....	.....	.....	T	.....	.....
3	.....	.55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.06
4	.....	.....	.01	.....	.....	.35	.02	.....	.....	.....	.....	.....
5	.....	.....	.28	.....	.....	.....	.10	.....	.....	.....	T	.97
6	.20	.38	.....	.....	.07	.02	.....	.04	.....	.....	.....	.20
7	.46	.....	.....	.....	.....	T	.....	T	.41	.....	.03	.....
8	.....	.....	.....	1.10	.....	.06	.....	.28	.....	.....	.13	.13
9	.....	.....	.....	.34	.....	.....	.04	.09	.....	.....	.....	.70
10	.....	.....	.....	.01	.13	.....	.....	.18	.....	.....	.....	.06
11	.....	.....	.01	.....	.....	.68	.74	.09	.....	.....	.....	.01
12	.64	.....	.07	.....	.46	1.25	.09	.....	1.36	.....	.....	.....
13	.....	.25	.....	.....	.....	.02	T	.20	.....	.01	.....	.....
14	.....	.....	.....	.....	1.65	.....	.05	.....	.11	.01	.....	.....
15	.....	.....	.....	.50	.11	T	.01	.....	.41	.....	T	.....
16	.....	.....	.82	.....	.....	T	.....	.52	.....	T	.10	.....
17	.44	.10	.29	.03	.....	.....	.....	.74	.03	.11	.....	.....
18	.....	.01	.....	.70	.....	.....	1.94	.27	2.74	.....	.03	.01
19	.....	.21	.....	.....	.....	1.12	.46	.....	.53	.....	1.13	.03
20	.....	.12	T	.....	.03	.....	.88	.....	1.69	.09	T	.....
21	.....	.....	.....	.93	.21	.....	2.32	.....	.14	.01	.....	.....
22	.23	.11	.....	.06	.....	.....	.62	.....	.....	.....	.....	.....
23	.....	.....	T	.....	.....	.....	2.39	.11	T	.71	.13	.01
24	.51	.03	.....	.....	.24	.....	.14	.....	.....	1.23	.....	.03
25	.....	.15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	.....	.....	.42	.....	.....	1.59	.....	.....	.03	.....	.20	.58
27	.....	.06	.....	.....	.56	1.48	.13	.06	.04	.68	.....	T
28	.....	.10	.....	.....	.04	.52	.....	.....	.....	.16	.....	.....
29	.....	.....	T	.26	.01	.....	1.19	.....	.....	.....	.....	.....
30	.16	.....	.11	.09	.....	.09	T	.03	.13	.....	.....	.....
31	.27	.....	.10	.....	.....	.....	.....	.05	.....	.....	.....	.06
Monthly Totals..	4.08	2.07	2.11	3.12	3.51	7.18	11.42	2.19	8.33	2.93	1.86	2.85
Totals to Date.	4.08	6.15	8.26	11.38	14.89	22.07	33.49	35.68	44.01	46.94	48.80	51.65

SUMMARY OF STATISTICS

For the Year Ending December 31, 1938

Reading Water Department

Reading, Middlesex County, Massachusetts

General Statistics

Population by census of 1935: 10,703.

Date of Construction: 1890, Mill Street; 1931, Grove Street.

By whom owned: Town of Reading.

Sources of Supply: Filter Gallery and Artesian Wells.

Mode of Supply: (Whether gravity or pumping): Pumping.

Pumping Statistics

Builders of Pumping Machinery: Sullivan Machine Co., George F. Blake Mfg. Co., Platt Iron Works, DeLaval Steam Turbine Co.

Electric Pumps at Grove Street Station

Description of Pumps:

(A) Pumping Unit No. 1—2 stage 5/4 DeLaval, 75 H. P. 1750 R. P. M. 3 phase 60 cycle, 440 volts, 650 G. P. M.

(B) Pumping Unit No. 2—2-stage 8/6 DeLaval, 125 H. P. 1750 R. P. M., 3 phase 60 cycle, 440 volts, 1000 G. P. M.

K. W. H. used for year: 270,700.

Power cost for year: \$5,080.94.

Total Pumpage by Venturi Meter: 213,853,400 Gallons.

Cost of pumping per Million Gallons, power only: \$23.76.

Average number gallons pumped per K. W. H.: 790.00.

Cost of pumping figured on Total Pumping Station No. 2 expenses, per Million Gallons pumped: \$35.75.

Cost of Filtration, per Million Gallons, figured on Filtration Plant Expenses: \$4.26.

Total cost of supplying water, per Million Gallons, figured on Total Maintenance, plus Interest on Bonds: \$122.24.

Average Static Head against which pumps work: 227.

Average Dynamic Head against which pumps work: 258.

Statistics Relating to Distribution Mains

Kind of pipe: cast iron, galvanized iron.

Sizes: 1 1-4 to 12 inches.

Extended: 2,517.0 feet of 12" cast iron main, 3,598.7 feet of 6" cast iron main, 258.5 feet of 1 1-4" galvanized iron main.

Total in use at present: 48.99 miles (6" to 12").

Cost of maintenance per mile: \$14.87.

Number of hydrants added during year: 5.

Number of hydrants in use (public and private): 307.

Number of stop gates added during year: 29.

Number of stop gates now in use: 804.

Number of stop gates smaller than 4": 150.

Number of blow-offs added during year: none.

Number of blow-offs now in use: 28.

Range of pressure on mains: 45-90 pounds.

Statistics Relating to Suction Mains

Kind of pipe: cast iron.

Sizes of pipe: 16", 12", 10", 8".

Total number of feet in use: 116 feet of 16", 1,270 feet of 12", 940 feet of 10", 2,345 feet of 8"—Total 4,671 feet.

Gates on suction mains: 1-16", 4-12", 2-8", 84-2 1-2" gates.

Wells in use: Line A-14 wells; Line B-16 wells; Line C-11 Wells; Line D-12 wells; Line E-9 wells; Line F-18 wells. Total—80 wells.

STATISTICS RELATING TO SERVICES

Services: Kinds of pipe: Cast iron, galvanized iron, lead lined, cement lined and copper tubing.

Sizes: 3-4' to 6".

Extended: 2,921.2 feet.

Total in use: 40.24 miles.

Number of active service taps added during year: 52.

Number of service taps in use: 2,694.

Average length of services—1938: 54.10 feet.

Average cost of service to owner—1938: \$14.56.

Number of water meters tested: 397.

Number of water meters repaired: 235.

Number of water meters added: 49.

Number of water meters junked: 5.

Number of water meters now in use: 2,943.

Water Bonds and Interest

There were \$11,000.00 in bonds payable in 1938.

The interest on serial bonds for the year 1938 amounted to \$2,237.50.

There are \$11,000.00 in bonds and \$1,902.50 interest due in 1939 as follows:

Payable	Interest	Bonds
March 15, 1939	\$ 80.00	
April 15, 1939	550.00	\$ 2,000.00
June 1, 1939	370.00	3,000.00
September 15, 1939	80.00	1,000.00
October 15, 1939	515.00	5,000.00
December 1, 1939	307.50	
Totals	\$ 1,902.50	\$ 11,000.00

COMPARATIVE TOTAL PUMPAGE DURING THE PAST TEN YEARS 1929 to 1938 inclusive

Year	Annual Pumpage (Gallons)	Increase or Decrease (Gallons)	Average Daily Pumpage (Gallons)	Increase or De rease (Gallons)	Cost per Million Gallons Pumped Figured on Total Maint. and Int. on Bonds	Esti- mated Popu- lation
1929	139,983,143	8,268,435 Inc.	383,515	23,639 Inc.	213.75	8769
1930	147,186,973	7,203,830 Inc.	403,257	19,742 Inc.	494.92	9747
1931	144,923,924	2,263,049 Dec.	397,051	6,206 Dec.	211.95	9747
1932	161,609,500	16,685,576 Inc.	441,423	44,372 Inc.	120.73	9747
1933	171,847,300	10,237,800 Inc.	470,389	28,966 Inc.	113.22	9747
1934	221,260,400	49,413,100 Inc.	606,192	135,803 Inc.	115.05	9767
1935	248,075,400	26,815,000 Inc.	679,658	73,466 Inc.	90.61	10703
1936	249,110,100	1,034,709 Dec.	680,629	971 Inc.	100.70	10703
1937	212,484,400	36,625,700 Dec.	582,149	98,480 Dec.	129.81	10703
1938	213,853,400	1,369,000 Inc.	585,900	3,751 Inc.	122.24	10703

IRON REMOVAL PLANT

Chemical and Microscopic Character of Raw Water—1938 (Unfiltered—Direct from Tubular Wells) (Parts per Million)

Month	No. of Test Days	Iron	Hardness	Carbon Dioxide		Dissolved Oxygen		Manganese	P. H. Value (Hydrogen Ion Conc.)
				Ave.	Max.	P.P.M.	% Sat.		
January.....	1	0.75	....	46.0	47.0	1.6	13.7	0.100	6.0
February.....	1	0.85	....	42.0	....	....	....	0.120	6.0
March.....	1	1.25	....	42.0	....	....	....	0.120	6.0
April.....	1	1.20	....	43.0	....	....	....	....	....
May.....	1	1.00	....	44.5	49.0	2.5	21.6	0.130	6.0
June.....	1	1.40	....	55.0	....	....	....	0.140	6.1
July.....	1	1.40	....	65.0	....	....	....	0.120	6.0
August.....	1	1.40	....	....	....	....	....	0.130	5.9
September.....	1	....	....	....	....	....	....	....	....
October.....	1	....	....	....	....	....	....	....	....
November.....	2	1.25	....	43.3	44.5	1.7	15.2	0.130	6.1
December.....	1	1.00	....	52.3	54.0	1.6	13.3	0.160	5.9
Total.....	10	....	....	....	....	....	....	....	....
Average.....	..	1.12	....	37.0	....	2.4	16.0	0.128	6.0

Chemical and Microscopic Character of Water Delivered to Mains—1938 (Filtered Water as Delivered from Iron Removal Plant) (Parts per Million)

Month	No. of Test Days	Iron	Hardness	Carbon Dioxide		Dissolved Oxygen		Manganese	P. H. Value (Hydrogen Ion Conc.)
				Ave.	Max.	P.P.M.	% Sat.		
January.....	1	0.07	....	3.0	....	12.0	98.8	0.000	7.3
February.....	1	0.05	....	3.0	....	....	....	0.007	7.3
March.....	1	0.10	....	4.0	....	....	....	0.002	7.3
April.....	1	0.10	....	....	....	....	....	....	....
May.....	1	0.10	....	3.0	....	....	....	0.010	7.3
June.....	1	0.12	....	4.5	5.0	11.6	105.7	0.020	7.3
July.....	1	0.10	....	4.0	....	....	....	0.015	7.3
August.....	1	0.25	....	4.0	....	....	....	0.025	7.5
September.....	1	....	....	....	....	....	....	....	....
October.....	1	....	....	....	....	....	....	....	....
November.....	2	0.20	....	3.0	....	11.6	99.0	0.030	7.3
December.....	1	0.28	....	4.0	....	11.6	91.8	0.040	7.3
Total.....	10	....	....	....	....	....	....	....	....
Average.....	..	0.14	....	3.6	....	11.7	99.6	0.015	7.3

YEARLY RECORD OF HUNDRED ACRE MEADOW PUMPING STATION
January 1, 1938 to December 31, 1938

Month	No. Days	No. Hrs.	No. Min.	Gals. Pumped Venturi Meter	Total Head	Power K.W.H.	Gallons Per K.W.H.	Rain Fall	Fuel Oil	Daily Average Gal. Pumped
January.....	31	342	15	18,215,400	227	22,400	813.19	4.08	585	587,594
February.....	28	297	15	16,109,000	227	19,600	821.89	2.07	320	575,321
March.....	31	333	00	17,637,200	227	22,200	794.47	2.11	150	568,942
April.....	30	324	00	16,906,300	227	21,100	801.24	3.12	175	563,543
May.....	31	362	15	18,856,800	227	32,300	809.30	3.51	240	608,284
June.....	30	354	00	18,606,700	227	22,700	819.68	7.18	...	620,223
July.....	31	346	00	18,126,200	227	23,000	788.09	11.42	...	584,716
August.....	31	368	45	19,035,500	227	24,600	773.80	2.19	...	614,048
September....	30	335	30	17,608,300	227	23,600	746.11	8.33	...	586,943
October.....	31	340	45	17,847,600	227	23,300	705.43	2.93	175	575,729
November.....	30	328	00	17,079,400	227	21,100	809.43	1.86	150	569,313
December.....	31	340	00	17,825,000	227	21,800	817.66	2.85	648	575,000
Totals.....	365	4,071	45	213,853,400	227	270,700	790.00	51.65	2443	585,900

Main Water Pipe Extensions

Street	Section	Size and Length of Extension					
		12"	10"	8"	6"	1 1/4"	Totals
Wood End Lane	Cape Cod Ave. Westerly . . .					258.5	258.5
Haverhill.	122 Haverhill St. Northerly. . .				433.0		433.0
Curtis.	South St. Northerly				413.0		413.0
Main.	Southerly from Franklin St.				433.0		433.0
Pine Ridge.	Sylvan Rd. Southerly				32.0		32.0
John Carver.	Puritan Rd. Northerly.				147.0		147.0
Orange.	Pearl St. to Harrison St.				379.0		379.0
Harrison.	Orange St. Northerly.				236.1		236.1
Grove.	Franklin St. Northerly to near Strout Ave.	2,517.0					2,517.0
Hunt.	15 Hunt St. Northerly.				75.0		75.0
Lewis.	West St. Westerly.				298.0		298.0
Salem.	Torre St. Southerly.				211.0		211.0
Granger.	Haverhill St. Westerly.				161.0		161.0
Belmont.	Orange St. Northerly.				461.3		461.3
Hartshorn.	Winthrop Ave. Westerly.				172.1		172.1
Hartshorn.	Lowell St. Westerly.				119.7		119.7
Bancroft.	Woburn St. Northerly.				27.5		27.5
Totals.		2,517.0			3,598.7	258.5	6,374.2

NEW HYDRANTS SET

Make	Location	Gated
Chapman.	Curtis St., East Side, opp. Dickies' Pond.	Yes
Chapman.	Harrison St., West Side, opp. No. 33.	Yes
Corey.	Woburn St., North Side, at Library.	Yes
Corey.	Woburn St., South Side, East cor. High St.	Yes
Corey.	Lewis St., North Side, West of No. 53.	Yes

HYDRANTS MOVED, RAISED OR REPLACED

Make	Location	Operation	Make Set	Gated
Corey.	Woburn St., North Side, West cor. Linden St.	Moved hydrant 34 ft., Westerly	Corey.	Yes
Chapman.	King St., South Side, opp. No. 17	Moved hydrant 30 ft., Easterly	Chapman	Yes
Corey.	Libby Ave., North Side, East cor. Salem St.	Raised hydrant 1 foot.	Corey.	Yes
Ludlow.	Pearl St., East Side, front of No. 173	Raised hydrant 1 foot.	Ludlow.	Yes
Chapman.	Haverhill St., West Side, cor. Granger Ave.	Moved hydrant North 20.2 ft.	Corey.	Yes
Chapman.	Main St., West Side, opp. Lawrence Rd.	Moved back, raised, replaced	Corey.	Yes
Chapman.	Main St., West Side, South of No. 42	Moved hydrant 40 ft. Southerly replaced, gated	Corey.	Yes

KIND AND SIZES OF METERS IN USE JANUARY 1, 1939

Make	5/8"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"	8"	Totals
Nash.....	1342	13	12	1	3	3	..	..	..	1374
Hersey.....	535	11	24	6	9	6	1	1	1	594
Empire.....	257	1	2	..	1	..	2	..	..	263
Gamon.....	182	..	2	..	..	..	..	..	..	184
Pittsburg.....	144	13	..	2	..	..	..	..	..	159
Trident.....	127	..	..	..	..	..	..	..	..	127
Crown.....	69	2	2	..	3	9	..	..	..	85
Lambert.....	49	..	2	..	..	..	..	..	..	51
Union.....	46	..	1	..	1	..	..	..	..	48
Worthington.....	35	..	..	..	..	1	..	..	..	36
Keystone.....	1	..	..	8	..	..	..	..	..	9
Federal.....	8	..	..	..	..	..	..	..	..	8
Thompson.....	2	..	1	..	..	..	..	..	..	3
Columbia.....	1	..	..	..	..	..	..	..	..	1
Gem.....	..	..	..	..	..	1	..	..	..	1
Totals.....	2798	40	46	17	17	20	3	1	1	2943

MAIN PIPE CONSTRUCTION

Main water pipe extensions were made in seventeen separate locations in 1938. Eleven of these were 4% guarantee installations for new houses, one was installed with W. P. A. labor for an auxiliary supply main and the remaining five to eliminate dead end mains, for added fire protection, etc.

The longest single installation was in Grove Street, where a 12-inch auxiliary supply main is being laid from Franklin Street, Northerly to Strout Avenue, thence along Strout Avenue to Hundred Acre Pumping Station. W. P. A. labor is being used for excavation and backfill of the pipe trench, and the pipe laid by Water Department employees. Approximately 1500 feet of pipe remains to be laid, which is expected to be completed in the early part of 1939. Many difficulties were encountered in the section already completed. It was necessary, because of the narrow roadway on Grove Street in this section, to lay the new main within four feet of the Easterly street line. Much ledge had to be removed, and in an unusually narrow spot a cut bank fifteen feet in height impeded progress.

The connection of the new main with the old 12-inch main at the corner of Franklin Street has been made, and the 2500 odd feet of new main tested and plugged before backfilling. When completed, Hundred Acre Station will be connected with two direct supply mains to Lowell Street at High Street, which may be operated singly or together.

Real estate developments were somewhat curtailed in 1938, the eleven 4% guarantee extensions being made mostly for single houses.

Six-inch mains were laid under the 4% guarantee on Haverhill, Hunt, Lewis, Salem, Belmont, and Hartshorn Streets, Pine Ridge and John Carver Roads, and Granger Avenue. Ten newly constructed houses were serviced by these mains, and two houses that had formerly been using private wells for a water supply were serviced by the other two. On Main Street, South of Franklin Street, it was necessary to lay a 1¼ inch main in the Westerly sidewalk to avoid excavating the State Highway, to supply water to a new residence. This 1¼ inch main was tapped on a six-inch stub laid to the sideline of Main Street in 1931, for possible future use.

Prior to the Chapter 90 construction of Lowell Street, four six-inch taps were made at intersecting streets—Intervale Terrace, Harvard Street, Bond Street and Hartshorn Street Extension, and six-inch pipe laid to the street line of Lowell Street, for possible future use. One of these mains has already been used, at Hartshorn Street Extension, to supply two newly erected houses with water. Also, prior to the Chapter 90 construction of Woburn Street, a six-inch tap was made at the intersection of Bancroft Avenue and a connection made with a 1¼ inch pipe previously installed.

The old six-inch main which formerly supplied the Alton Rubber Mfg. Co. plant on Lowell Street (situated in the tract of land now known as Puritan Park) was disconnected from the eight-inch main on Lowell Street, as it is not now used.

A W. P. A. storm drain project on Haven Street necessitated the moving of several feet of six-inch main, which was accomplished by bypassing with 45% bends.

Four breaks in main water pipes occurred during 1938. Early in January, a break occurred in the six-inch main on Van Norden Road opposite Harold Avenue. The main cracked around the top of the pipe, beginning at a 1¼ inch corporation cock put in some years ago for Harold Avenue main. To effect repairs, a 6 inch by 2 inch repair sleeve was placed around the broken sector, a 2 inch by 1¼ inch reducing bushing installed, and the 1¼ inch corporation inserted in the bushing. On John Street, near the Boston Stove Foundry, a section of eight-inch main split. This was repaired by removing the split section and installing a new length of pipe and a split sleeve.

On Lowell Street, East of Winthrop Avenue, a joint blew out in an eight-inch main; as did a joint in a six-inch main on Haverhill Street near Granger Avenue.

All applications for main water pipe extensions to private properties on new developments received in 1938 have been completed, although several prospective extensions are in evidence for 1939.

Service Pipe Construction and Maintenance

Service pipe construction to houses totaled 52 new services and two services replaced at the request of the owners. New services totaled 2921.2 feet in length, with an average length of 54.10 feet per service. There are now 40.24 miles of service pipe in use in Reading, from $\frac{3}{4}$ inch to 6 inch sizes, and a total of 2694 service taps in use.

On Lowell Street, prior to Chapter 90 construction, twelve services were installed and run to the gutter line at vacant lots, for possible future use, and on Woburn Street, one service was installed for a similar purpose. Although the policy of installing water services to vacant lots preliminary to the construction of a permanent-surfaced roadway may seem at first an unnecessary expenditure, it has proved a wise investment due to the preservation of the newly constructed roadways. Many services thus installed are used each year. All services on both Woburn and Lowell Streets in the locus of 1938 Chapter 90 construction that had been installed for a long period of years were excavated, the service pipe carefully inspected, and where necessary, replaced with new pipe.

It was necessary to repair twelve service pipes in the street in various locations, due to leaks, and seven of these services were renewed from main to stop. During the course of this work, eleven defective sidewalk shut-offs were replaced.

A section of Lowell Street, between Winthrop Avenue and Puritan Road, was serviced by both a $1\frac{1}{4}$ inch and an eight-inch main. Nine house services were connected to the $1\frac{1}{4}$ inch main, and, as this main was no longer efficient or necessary, these nine services were cut over to the eight-inch main and the $1\frac{1}{4}$ inch main abandoned.

Due to breaks, it was necessary to repair 79 house services, 32 of which were excavated at the cellar walls and sections of pipe replaced; and 47 new cellar shut-offs were installed. This work was done at the owners' request and expense.

Meter Maintenance

During the year, 397 water meters of various sizes were removed from houses and tested. Of these it was necessary to repair 235 meters for various reasons, eight meters were replaced with new meters, and five meters were found beyond repair and junked. There are 109 meters in the meter room taken from services where water has been shut off from unoccupied houses. New meters have been set on 31 new water services. Eighteen meters were frozen during the cold weather.

The annual inspection of meter boxes resulted in replacing five old wooden structures with new brick meter boxes, one obsolete pipe meter box was removed and filled, and one old brick box repaired. Where necessary, meter boxes were felted to prevent possible freezing. While meter boxes are eliminated when possible, unheated cellars in many locations prohibit installation of meters due to possibility of freezing.

Fire Hydrants

Five new fire hydrants were added to the water system, three on new water main extensions, namely Curtis, Harrison and Lewis Streets; and two on Woburn Street, preliminary to Chapter 90 construction of the roadway, one at the Reading Public Library, the other at the Southeast corner of Woburn and High Streets.

Three hydrants were broken by automobiles in the following locations: Main Street, West Side, opposite Cross Street; Lee Street, West Side, front of No. 22; and Haverhill Street, West Side, corner Granger Avenue. They were all quickly repaired with but small loss of water. The hydrant on Main Street was broken by a "Hit-and-Run" driver; the owners of the other two vehicles striking hydrants reported their respective accidents.

Five hydrants were moved distances varying from 15.0 to 40.0 feet each, to permit freer access to abutting driveways, from in front of residences, and to eliminate traffic hazards. Two hydrants were raised to comply with changed sidewalk grades, and three old hydrants replaced with new hydrants.

The annual inspection of fire hydrants was made in November, and repairs made where necessary. Each individual hydrant was opened, checked for defective valve, drip, etc., greased and packed. Four hydrants were gated, one required a new valve screw shaft, and one drip was dug.

There are now a total of 307 fire hydrants, public and private, in the water system.

Well System

The near-record rainfall of 1938 and the resulting all-season flooded condition of the Ipswich River and Hundred Acre Meadow prevented the installation of a proposed new suction main and well line. The well-field was inundated until late in the Fall to a depth of several inches, and well driving equipment could not be taken out on the meadows.

It was possible, however, to inspect the wells. Each well was uncapped, spudded and pumped. Certain wells that showed excessive sand, poor flowage, or other defects were cut off from the suction mains for further attention in 1939. On Suction Line A., Wells No. 9 and No. 10 were and are cut off; Line B., Well No. 25; Line F., Well No. 4. and Line G., Well No. 5; making a total of five wells not in use. There are 80 tubular 2½ inch driven wells in use as of December 31, 1938. The five wells cut off will be driven to a coarser gravel strata, cleared and re-connected when conditions permit.

It is planned to extend the well system with a new suction main and driven wells in 1939.

Filtration Plant

The Iron Removal Plant operated efficiently and effectively, a total of 213,853,400 gallons of filtered, aerated water being delivered to the mains averaging 585,900 gallons per day for the year. The iron content of the raw water was much greater than that of 1937, and it is assumed that this was caused by the high water in the Ipswich River and consequent flooding of the well-field area, carrying into the wells more water having the characteristics of surface water and less having that of true ground water. It is a proven fact that the introduction of this surface water with its vegetable-organic matter will delay the oxidation of the iron, which is evidently occurring at our well-field. A partial remedy for this condition is the addition of more wells to the well system to reduce the draft upon the well area and to lessen the tendency for the surface water to take a short cut to the wells without having its organic matter oxidized by passage through the soil.

Tables in this report show a comprehensive comparison of analyses of raw water and filtered water at the Iron Removal Plant.

Standpipes

Auburn Street Standpipe, the exterior of which was stripped and painted in 1937, received further attention in 1938.

On April 16, 1938, the standpipe was drained, cut off from the water system, and water department employees cleared and flushed the accumulated silt and settleings from the bottom interior of the tank. The J. H. Treddinick Co. of Boston then removed the graphite paint from the entire interior of the standpipe, and applied two coats of asphalt paint. After the paint had set, a solution of chlorinated lime was introduced into the bottom of the standpipe, the inlet gate opened slightly, and the standpipe filled ten feet with water and let stand over-

night. This was done as a safety measure to destroy any bacteria or germs left in the pipe by the workmen or their equipment. The standpipe was then allowed to fill and was turned back into the system.

During the period of painting Auburn Street Standpipe, Bare Hill Standpipe supplied storage facilities for daily consumption, and Hundred Acre Pumping Station was operated in two shifts, ending at 2:00 A. M., daily.

Bare Hill Standpipe functioned perfectly during the year, and required no repairs. Periodic inspections were made of each standpipe through the year.

It is expected that the Bare Hill Standpipe will be cleaned and painted during 1939.

Pumping Stations

The September hurricane plainly disclosed the vulnerable point in the water distribution system; namely, the lack of an auxiliary source of power for emergency pumping purposes. Serious consideration is being given to the problem of supplying an emergency auxiliary source of power for this station.

The power line failed Wednesday, September 21, 1938, at 4:15 P. M., when the hurricane blew down trees, limbs, and poles, carrying the power line with it in several sections. The standpipes were lacking ten feet of full capacity when the pumps stopped, which would normally be ample for forty-eight hours consumption.

Thursday afternoon, September 22, approximately twenty-four hours after the power line failed, the water in the standpipes had fallen ten feet, with no prospect of immediate renewal of electric power. While ample water still remained in the standpipes for another twenty-four hours, with normal use, the danger of serious fires from bare and broken wires with the resulting need of water in large quantities caused some concern. Therefore, arrangements were made with Superintendent Morrison A. Merrill of the Wakefield Water Department to open the gate connecting the Wakefield and Reading water systems on Haverhill Street near Bay State Road at the Town Line, and take water from the Wakefield supply mains. This was accomplished and the gate opened at 3:45 P. M., September 22, and Wakefield pumped water into Reading's mains until 8:35 P. M., Friday, September 23.

At 7:30 P. M., Friday, September 23, the Municipal Light Department line crews, which had been working continuously and under great difficulties to clear and repair the power line, succeeded in restoring power to the Pumping Station. At that time, about 45 feet of water remained in the standpipes. The station began operating immediately, but at 9:10 P. M., power was again cut off. Crews were dispatched to trace out the trouble on the power line, and eventually found a fallen branch on the line on Strout Avenue. At 10:25 P. M., power was again restored, and the station operated continuously until 1:00 A. M., Sunday, September 25, when the standpipes had again been filled.

At no time during the shut-down of the station did a water-shortage threaten. Besides the connection with Wakefield on Haverhill Street, arrangements were also made to open the emergency connection between Reading and Stoneham on South Main Street. This, however, proved unnecessary. Reading also has a connection with Woburn on West Street.

Mill Street Pumping Station was prepared for use in event of an emergency, the boilers were fired and the pumps turned over, but no water was pumped by it into the supply mains.

The regular maintenance work was accomplished during the year at both stations, and, except during the hurricane period, when power was cut off, Hundred Acre Station operated efficiently during the year.

This department is indebted to the Wakefield Water Department for their assistance during the days following the hurricane. We wish to take this occasion to extend to them our sincere thanks. We would also thank the Stoneham Water Department for their willingness to assist even though it was not necessary to call on them.

The Mill Street Pumping Station did not pump at all in 1938, although during the winter months it was kept heated to prevent freezing. It is recommended that a survey be made of the possibilities of any further use of this station as an emergency supply, or if this does not prove feasible, to abandon it entirely.

Recommendations:

Continue yearly extensions of the well-field.

Development of an auxiliary source of power supply for emergency use at the Grove Street Pumping Station.

Continue to eliminate dead end mains where possible.

Make a study of the possible future use of the Mill Street Pumping Station as an emergency unit.

HIGHWAY DEPARTMENT

Gentlemen:

The following is the yearly report of the Highway Department:

Appropriations Voted in March Town Meeting:

1. Highway Maintenance and Construction	\$ 44,500.00
2. Removal of Snow and Ice	11,450.00
3. Maintenance of Storm Drains	2,000.00
4. Sidewalk Construction	5,020.00
5. Development of Storm Water Drainage	6,400.00
6. Care of Dumps	1,200.00
7. Construction of Granger Avenue	798.40
8. Construction of High Street	1,500.00
9. Chapter 90 Construction—Woburn Street...	4,500.00
10. Chapter 90 Construction—Lowell Street	4,500.00
11. Appropriation for Special Labor	13,000.00

Appropriations Voted at Special Town Meeting May 23, 1938:

12. Construction of Waverly Road	968.29
13. Construction of Lawrence Road	1,985.00

Unexpended Balances from Previous Appropriations:

14. Construction of Oak Ridge Road.....	\$ 112.75
15. Construction of Pine Ridge Road.....	67.00
16. Construction of Sylvan Road	44.50
17. Construction of Municipal Garage	4,130.18

4,354.43

18. Received from State and County for Chapter 90 Maintenance	2,000.00
19. Received from State and County for Chapter 90 Construction—Woburn Street	13,500.00
20. Received from State and County for Chapter 90 Construction—Lowell Street	13,500.00
21. Transfer to Highway Dept. for Payment of 1937 bills..	3.43
22. Transfer to Highway Dept. from Reserve.....	375.00
23. Transfer to Snow and Ice for Payment of 1937 bills...	14.75
24. Transfer to Snow and Ice from Reserve	1,681.53
25. Transfer to Sidewalk Account from Reserve	1,525.00
26. Received from Chapter 500	12,750.00

Grand Total \$147,525.83

Expenditures and Balances of the above Appropriations:

Item.

1. Highway Dept.—Appro. for Maint. and Const.	\$ 44,500.00
18. Received from State and County for Chap. 90 Maint...	2,000.00

21.	Transfer for payment of 1937 bills	3.43	
22.	Transfer from Reserve	375.00	
	Total		\$ 46,878.43
	Expended:		
	Pay Roll	\$ 18,162.43	
	General Repairs	2,399.52	
	Road Material	14,389.39	
	Misc. Supplies and Tools	11,682.47	
	Transfer to Road Mch. Account.....	221.50	
	Total Expended	46,855.31	
	Balance Unexpended	23.12	
2.	Removal of Snow and Ice	\$ 11,450.00	
23.	Transfer to Snow and Ice—Payment of 1937 bills.....	14.75	
24.	Transfer to Snow and Ice from Reserve.....	1,681.53	
	Total		\$ 13,146.28
	Expended:		
	Pay Roll	\$ 8,465.12	
	Plowing and Hauling Snow	1,678.96	
	Repairs and Supplies	3,846.30	
	Total Expended	13,990.38	
	Minus Balance	\$ 844.10	
3.	Maintenance of Storm Drains	\$ 2,000.00	
	Expended:		
	Pay Roll	\$ 1,975.89	
	Miscellaneous Supplies	24.11	
	Total Expended	\$ 2,000.00	
			.00
4.	Sidewalk Construction	\$ 5,020.00	
25.	Transfer from Reserve	1,525.00	
			\$ 6,545.00
	Expended:		
	Pay Roll	\$ 4,541.79	
	Supplies for Construction	2,003.21	
	Total Expended	\$ 6,545.00	
			.00

5.	Development of Storm Water Drainage	\$ 6,400.00
	Expended:	
	Pay Roll	\$ 3,631.53
	Pipe and Miscellaneous Supplies	2,768.14
		<hr/>
	Total Expended	\$ 6,399.67
	Balance Unexpended .....	.33
6.	Care of Dumps	\$ 1,200.00
	Expended:	
	Pay Roll	\$ 1,078.79
	Shrubbery	119.70
		<hr/>
	Total Expended	\$ 1,198.49
	Balance Unexpended	\$ 1.51
		<hr/>
7.	Construction of Granger Avenue	\$ 798.40
	Expended:	
	Supplies	\$ 10.65
		<hr/>
	Total Expended	10.65
	Balance Unexpended	\$ 787.75
8.	Construction of High Street	\$ 1,500.00
	Expended:	
	Pay Roll	\$ 59.70
	Road Material	1,440.30
		<hr/>
	Total Expended	1,500.00
		<hr/>
		.00
9.	Chapter 90 Construction—Woburn Street	\$ 4,500.00
19.	Received from State and County	13,500.00
		<hr/>
		\$ 18,000.00
	Expended:	
	Pay Roll	\$ 3,899.48
	Supplies and Miscellaneous	12,824.05
		<hr/>
	Total Expended	16,723.53
	Balance Unexpended	\$ 1,276.47
10.	Chapter 90 Construction—Lowell Street.....	\$ 4,500.00
20.	Received from State and County	13,500.00
		<hr/>
		\$ 18,000.00

Expended:	
Pay Roll	\$ 4,489.59
Supplies and Miscellaneous	5,660.21
	<hr/>
Total Expended	\$ 10,149.80
	<hr/>
Balance Unexpended	\$ 7,850.20
11. Appropriation for Special Labor	\$ 13,000.00
Expended	
Labor	\$ 13,000.00
	<hr/>
	13,000.00
	<hr/>
	.00
12. Construction of Waverly Road.....	\$ 968.29
Expended:	
Pay Roll	\$ 302.53
Supplies	284.76
	<hr/>
Total Expended	587.29
	<hr/>
Balance Unexpended	\$ 381.00
13. Construction of Lawrence Road	\$ 1,985.00
Expended:	
Pay Roll	\$ 1,225.71
Supplies and Miscellaneous	759.27
	<hr/>
Total Expended	\$ 1,984.98
	<hr/>
Balance Unexpended	\$.02
14. Construction of Oak Ridge Road—1937 Bal. Fwd.....	\$ 112.75
Expended:	
Pay Roll	\$ 45.83
Supplies	66.92
	<hr/>
Total Expended	\$ 112.75
	<hr/>
	.00
15. Construction of Pine Ridge Road—1937 Bal. Fwd.....	\$ 67.00
Expended:	
Pay Roll	\$ 64.21
Supplies	2.79
	<hr/>
Total Expended	67.00
	<hr/>
	.00

16.	Construction of Sylvan Road—1937 Bal. Fwd.....	\$	44.50
	Expended:		
	Pay Roll	\$	8.90
	Supplies		35.60
	Total Expended		44.50
			.00
17.	Construction of Municipal Garage—1937 Bal. Fwd.....	\$	4,130.18
	Expended:		
	Contracts	\$	4,130.18
			4,130.18
			.00
26.	Chapter 500	\$	12,750.00
	Expended:		
	Pay Roll	\$	188.90
	Supplies		272.37
	Total Expended	\$	461.27
	Balance Unexpended	\$	12,288.73

TOTALS

Items	Appro. and Transfers	Expended	Balance	Bal. Fwd. to 1939
1-18-21-22	\$46,878.43	\$46,855.31	\$ 23.12	
2-23-24	13,146.28	13,990.38	—844.10	
3	2,000.00	2,000.00	.00	
4-25	6,545.00	6,545.00	.00	
5	6,400.00	6,399.67	.33	
6	1,200.00	1,198.49	1.51	
7	798.40	10.65	787.75	\$ 787.75
8	1,500.00	1,500.00	.00	
9-19	18,000.00	16,723.53	1,276.47	1,276.47
10-20	18,000.00	10,149.80	7,850.20	7,850.20
11	13,000.00	13,000.00	.00	
12	968.29	587.29	381.00	381.00
13	1,985.00	1,984.98	.02	
14	112.75	112.75	.00	
15	67.00	67.00	.00	
16	44.50	44.50	.00	
17	4,130.18	4,130.18	.00	
26	12,750.00	461.27	12,288.73	12,288.73

Work accomplished by the Highway Department in 1938 exceeded that of former years. Maintenance work on streets and sidewalks accounted for much of the year's program, and construction of new streets was also increased.

Woburn Street was completed and a section of Lowell Street constructed under Chapter 90 appropriations; High Street between Woburn and Chute Streets was re-surfaced with Special Labor Account funds, using Welfare recipients for labor purposes, and Oak Ridge, Pine Ridge and Sylvan Roads, Lawrence Road and a portion of Waverly Road were constructed under the Betterment Act.

Granolithic sidewalk construction and granite curbing installations were extended substantially, in several localities, under the Betterment Act. On Salem and Pleasant Streets, granolithic sidewalks were constructed abutting twenty-six adjoining properties.

Storm water drain installation was extended 8,293.7 feet in 1938, to permit proper drainage of streets and private properties. W. P. A. projects were responsible for most of the installations.

The erection of the gravel plant at the new Town Pit aided greatly in supplying sand, gravel and stone for departmental work. The new gravel pit has proven satisfactory and is in constant use. An option has been secured on land adjoining the Town Pit which will insure an adequate supply of gravel for several years.

The September hurricane caused much damage in Reading. The shade trees which lined our streets suffered much damage, in several instances being uprooted and thrown intact across the highways. The leaves had not fallen from the maples, elms, oaks and other deciduous trees, and they presented a surface to the wind which no doubt was responsible for the destruction of many of the trees. The wind, which reached an official velocity of over 100 miles per hour, came in gusts and from several different angles, and caused the trees to be twisted out of the ground in several instances observed. In other instances, trees were uprooted and tipped over. Curbing, hard-surfaced sidewalks and streets were torn up by the roots of fallen trees; and several buildings were badly damaged by falling tree trunks. Storm emergency reconstruction was started the day following the hurricane, and has been completed.

The major accomplishments of the Highway Department for 1938 of work of a permanent constructive nature, separated into the different phases of work done, is briefly outlined in the following report.

Snow and Ice

There were nine snow storms requiring operation of the snow-plow units in 1938, totaling 54.75 inches of fallen snow. This, of course,

does not include the several light precipitations not requiring attention other than sanding.

The first snow-storm in 1938 began at midnight December 31, 1937. Temperature 13 degrees above zero, snow light and dry. Truck street plow units sent out at 5:30 A. M., January 1, and tractor and horse-drawn sidewalk plows at 8:00 A. M. Two minor mechanical breakdowns were suffered by two of the street plow units and were quickly repaired. The temperature slowly rose, during the day, and at 6:00 P. M., the falling snow became mixed with rain and sleet. Approximately $8\frac{1}{2}$ inches of snow fell during this storm.

Snow removal from the Square was started at 7:30 P. M., January 1, and continued until 5:30 P. M., January 2, at which time all regular locations from which snow is ordinarily removed, were cleared. The night of January 1 and 2 was one of the worst weather conditions possible. Rain, sleet, and mist froze immediately upon everything it hit. Roads became very slippery and were sanded through the night.

A new system of time or work cards for extra men employed on snow removal work was inaugurated during this storm. Under this system, each man when hired is furnished a time card bearing his name, address and a number, good for 24 hours on the day dated. His card is punched by a timekeeper on the hour he starts working, and punched again when he finishes work and the card turned in. Time out for meals is also punched on the card. At the end of the period for which the card is made out, it is checked with a control sheet and the timekeeper's time book, and the man's time made out from the card. The card is then placed on file for future reference should any dispute arise over the man's hours of work. The system has served to eliminate errors in timekeeping and has been permanently adopted.

The second storm of the year and which proved to be the heaviest snow-fall, started at 10:15 P. M., Wednesday, January 12. Temperature 22 degrees above zero; moderate wind. Between midnight and 2:00 A. M., January 13, $5\frac{1}{2}$ inches of snow fell; and by 8:00 A. M., January 13, a total of $13\frac{1}{2}$ inches had accumulated. No difficulty was experienced in handling this snow, it being light and fluffy. By 11:00 P. M., January 13, snow had been removed from the usual locations.

January 17, a fall of 6 inches was recorded; temperature 24 degrees above zero, slight wind. Increasing wind velocity caused snow to drift, but snow was handled easily.

January 21 and 22, 4 inches of snow fell. Temperature 32 degrees above zero, slight wind. January 24, a wind of gale force from the South-east arrived, driving before it a torrential rain-fall. The accumulated snows from prior storms quickly melted and turned the streets into rivers. Every effort was made to open catch basins and culverts and drain the streets. Many house cellars were flooded by the heavy

rain and melted snow. Several wash-outs occurred on streets and sidewalks during this storm.

Other snow-storms during the year were as follows:

February 20—Snow-fall 6 inches, Temperature plus 20 degrees, wind N. E., moderate to fresh.

February 25—Snow-fall 4 inches, Temperature plus 24 degrees, wind light.

February 28—Snow-fall 3 inches, Temperature plus 31 degrees, wind gale force.

November 24-25—Snow-fall 4 inches, Temperature plus 15 degrees, high wind.

November 27—Snow-fall $5\frac{3}{4}$ inches, Temperature plus 29 degrees, high wind.

It was necessary to sand icy streets and sidewalks almost daily during the winter months. Thawing days and freezing nights caused continuous icy conditions.

No major break-downs of motorized snow-removal equipment occurred in 1938. All units operated efficiently and in accordance with a planned snow-removal program. The department's three heavy truck-plow units—one Walters and two Sterling five-ton trucks—aided materially in plowing heavy snow-falls. The two tractor sidewalk plow units functioned efficiently, and during several storms, after covering their own routes, were assigned portions of horse-drawn sidewalk plow routes. It is becoming increasingly difficult to engage horses for this work, and the department should have two more tractor sidewalk plow units. In fact the department was unable to hire the requisite number of horses for the 1938-39 winter season. The number of horses available is four less than actually needed. Faster, more efficient and economical plowing is done with the tractor units than is possible with the horse units. While a horse, in heavy snow, can only work a few hours without rest, the tractors can go on indefinitely. Also, a much cleaner job of plowing is accomplished by the tractor plows, as with their added weight and larger, better shaped plow-blades they can plow closer to the sidewalk surface and roll the plowed snow cleanly up and over snow-banks out of the way. Drifted snow that formerly required shoveling before horse-drawn units could plow presents no obstacle to tractor plow units.

Snow fences to prevent drifting snow from filling the roadways were erected early in the Fall at known danger points, with the approval and permission of several abutting property owners. Snow fences are a good investment, cutting down plowing costs in sections where previously deep snow-drifts had formed. During the Summer months, the snow-fences are repaired, painted and stored under cover to prevent disintegration and loss.

GENERAL HIGHWAY MAINTENANCE

The highway surfaces in the Spring of 1938, for the most part, were in better condition than that of previous years, showing the result of the increased maintenance appropriation in 1937 and the resulting added amount of maintenance work made possible thereby.

Road surfaces also are showing the results of proper sloping and crowning by the use of the Adams Road Hone, which prevents formation of water pockets and the resulting softening of the roadways by seepage of the puddled surface water.

Maintenance work on roadways started early in the Spring, the first application of road oil being made on May 12. Sections of 10 streets were honed with the Adams Road Hone, and sections of 39 streets were scarified, graded and rolled. Sections of 89 streets were sprayed. The mechanical sand spreader was used in most instances to sand the road oil on these roads. During the year, a total of 144,436 gallons of road oil were applied on streets.

K. P. patching was carried on extensively, to prevent holes in road surfaces from further raveling. A total of 9,136 gallons of cold patch liquid was used; gravel, sand and pea stone being used as a base for the patching mixture. Twelve tons of ready-mixed patching material were purchased for this work. Gravel patching was accomplished as a temporary measure on many streets before scarifying and resurfacing work was done.

Chapter 90 maintenance funds were again allotted for maintenance work on Chapter 90 roadways. These funds were expended on West, Salem, Woburn and Haverhill Streets. On West Street, the center strip of roadway was seal coated and pea-stone covered. Salem Street received a like treatment, and in addition thereto, guard rail posts were reset and replaced where necessary and painted. Tree lawns on Woburn Street were loamed, graded and seeded. Both shoulders on Haverhill Street were tarvia treated and sand covered, brush was cut on the roadsides, and guard rail posts and cable repaired, replaced where necessary, and painted. The cable guard rail had been broken in several places by skidding motor vehicles.

CHAPTER 83 CONSTRUCTION

The following listed streets were accepted as public ways under the provisions of Chapter 83, Section 26, General Laws, which statute authorizes the assessment of betterments for road construction, at Annual and Special Town Meetings.

ANNUAL TOWN MEETING—MARCH 14, 1938

Granger Avenue: Haverhill St. near No. 536 Westerly 469.59 feet.

SPECIAL TOWN MEETING—MAY 23, 1938

Lawrence Road: Main St. Easterly and Southerly to Hampshire Road 1,196.86 feet.

Waverly Road: Hillside Road Westerly to dead end 708.21 feet.

Fairmount Road: Hopkins Street Northerly to North (Private St.) 533.96 feet.

The total length of streets accepted as public ways in 1938 is 2,908.62 feet or .55 miles.

The construction of Lawrence Road has been completed. A power shovel was used for excavation, which was quite difficult owing to much ledge. Drainage was installed in a section of the road before construction. A bituminous macadam surface was constructed on that section of Lawrence Road from Main Street 250 feet Easterly, said section having a 14% grade. This type of surface was constructed to eliminate washing and creeping of the road surface. The remainder of the roadway was constructed of tar-treated gravel. Gravel sidewalks surfaced with stonedust were constructed on both sides of the roadway.

Waverly Road construction has been started but not completed. A power shovel excavated the roadway and some of the gravel borrow has been placed. Earth borrow was obtained from Chapter 90 construction jobs and used in the deeper fills. The roadway is passable for traffic and will be completed in 1939. Because of deep fills it was considered best to allow these fills to settle through the winter months before laying the finished surface.

No construction has been started on Granger Avenue.

Oak Ridge, Pine Ridge and Sylvan Roads, located in "Colonial Village" off Oak Street, and accepted as public ways under the Betterment Act at a Special Town Meeting held November 15, 1937, were constructed in the early Spring. On these roads, it was only necessary to surface the roads with asphalt, as the real estate developer had caused the roads to be graded and penetrated before acceptance.

At the March 1937 Annual Town Meeting, Fairmount Road, running from Hopkins Street Northerly 533.96 feet to North Street, on which were located seven modernly designed and constructed houses, was reported to the Town by the Board for acceptance under the Betterment Act. The Town Meeting refused to accept Fairmount Road.

The property owners on Fairmount Road, unable to obtain an acceptance of the road by the Town, although 100% of the cost of construction would have been assessed to them, then presented to the

County Commissioners, on January 4, 1938, under Section 27, Chapter 82, a petition requesting the County Commissioners to accept Fairmount Road as a public way. The County Commissioners held a public hearing regarding this acceptance on January 11, at which hearing no person appeared in objection thereto. On February 1, 1938, the County Commissioners decreed that Fairmount Road be declared a public highway, that all damages, costs and assessments relating to the construction of Fairmount Road be borne by the Town, and that entry be made and construction completed by the Town before July 1, 1938. The Board then again presented the acceptance of Fairmount Road to the Town at a Special Town Meeting held May 23, 1938, and the acceptance was voted. The department then proceeded to construct Fairmount Road as ordered by the County Commissioners.

Alterations and Relocations

Three relocations or alterations were voted in 1938. At the March Town Meeting, a portion of the Easterly line of West Street abutting properties numbered 237, 239 and 241 West Street, was relocated. No visible change in the physical features of the existing street line was made, as the existing sidewalk had formerly crossed private property. With the application of the abutments for granolithic sidewalks, however, it was necessary to make the change in street line. The abutting property owners voluntarily deeded the Town the portions of their property affected.

At a Special Town Meeting held May 23, 1938, the North-westerly and North-easterly intersections of Mineral and Vine Streets were relocated and rounded on a twenty-foot radius, the two property owners affected deeding the land taken to the Town. The corners were rounded in accordance with the relocation, granite radius curbing installed, and the street surfaces rebuilt.

There are many sharp, unrounded corners on Reading streets, which create a traffic hazard especially for trucks which cannot negotiate sharp corners. It is the policy of the department to each year widen certain of these corners if the owners of abutting properties do not object.

The relocation of the North-westerly intersection of Kingston and Mt. Vernon Streets, started in 1937, has been completed. A power shovel excavated the earth from the area of relocation, and a protruding ledge was blasted and removed. A stone retaining wall was erected around the corner, a gravel and stone-dust sidewalk built, and the street resurfaced. This relocation eliminated a particularly dangerous condition on Mt. Vernon Street.

The public-spirited citizens who make these relocations possible

by relinquishing a portion of their property to the Town should be commended for their unselfish attitude and sense of civic cooperation.

Two relocations, voted in former years, were made on sections of the street line on Grove Street. The curve on the Easterly side of Grove Street, North of Henzie Street, was widened; the street excavated, earth fill and gravel borrow placed, graded, and tar surfaced. A catch basin and drain pipe were laid at a culvert, and guard rail posts set.

On the Westerly side of Grove Street, North of the Meadow Brook Golf Club-House, a sharp curve was widened; and a steep embankment, which obscured the vision of motorists, was excavated, partially removed, and the remainder sloped. Flights of steps constructed of railroad ties and gravel were installed in the slope for the use of golfers.

The section of Pearl Street from Nichols' Lane Northerly to Main Street was in deplorable condition and almost impassable. One of the oldest, if not the oldest, road in Reading, the roadway consisted simply of two wheel-ruts, with no traffic turnouts. A steep grade crowned with a solid ledge created a traffic hazard. A power shovel excavated the roadway, the ledge was drilled and blasted, and the broken stone used as a sub-grade on the road bed. Gravel was placed and graded, and asphalt surfaced. The crown of the hill was lowered, and stone retaining walls erected in the cut-off. It is recommended that, at its juncture with Main Street, Pearl Street be relocated so that traffic will not, as it now is, be compelled to enter Main Street to continue on Pearl Street. Pearl Street is extensively used by citizens in the North-easterly section of Reading desiring to avoid the heavy traffic on Route 28, Main Street.

On Summer Avenue, East of Main Street, a steep grade made entrance onto Main Street extremely difficult and dangerous. When the road surface was wet or icy, it was nearly impossible to stop and then enter Main Street. To eliminate this condition, after due legal formalities relating to notice and public hearings were complied with, the Board, acting as the Board of Survey, voted to change the grade of Summer Avenue from Main Street 350.0 feet Easterly.

Preliminary to effecting the grade change, storm drain pipe and catch basins were laid in the section of Summer Avenue to be changed. Earth fill was secured from Woburn Street Chapter 90 construction and other sources, graded, rolled and a gravel surface placed. Asphalt will be applied to the gravel surface in 1939. In the deepest fill, the roadway was raised approximately seven feet. Temporary wooden guard posts and rails were installed as a safety measure. Traffic is now enabled to stop on a flat grade before entering Main Street.

At the Westerly intersection of Parker and Haven Streets, it was found that, by an old relocation, the corner had been officially rounded but had never actually been relocated on the ground. The old straight curbing was removed, the corner rounded to conform to the old relocation, and new radius curbing set. The street surface was reconstructed in the locus of relocation.

CHAPTER 90 CONSTRUCTION

At the Annual Town Meeting in March, 1938, the following sums were raised and appropriated for the improvement and construction of portions of Woburn and Lowell Streets: for Woburn Street, \$4,500.00, for Lowell Street, \$4,500.00. The State and County together granted the sums of \$13,500.00 for each street, making a grand total of \$18,000.00 for each street.

Woburn Street was constructed of Class I bituminous concrete pavement from the Boston & Maine Railroad Crossing to Lowell Street, 2,872.0 feet in length. Chapter 90 funds, from the State and County, were not released to Reading until September 20, and construction work, which was scheduled to start September 22, was delayed by the September hurricane and storm emergency reconstruction until September 27. The street was excavated with a power shovel; drainage installed, catch basins and manholes constructed and adjusted to grade; new curbing installed and old curbing reset, and other necessary preliminary work accomplished.

Gravel fill and broken stone base was placed by department and extra employees. The Class I pavement was furnished by a private contractor, and laid with local labor. Bituminous sidewalks totaling 859 square yards were laid, tree lawns loamed and graded, but not seeded as the season was too far advanced. Construction work was completed December 13, 1938.

Lowell Street was intended to be constructed from the end of the 1937 construction to near High Street, but due to the late starting date, September 27, the great amount of drainage work to be done and inclement weather, construction was only completed to Willow Street, 1,000 feet in length and totaling 3,300 square yards of bituminous penolithic surface. Much drainage was scheduled to be installed on this job, and to speed up drainage construction a steam shovel was used for trench excavation. A 24 inch auxiliary culvert was installed under Lowell Street at Intervale Terrace. Most of the drainage has been installed, which will facilitate road construction when the roadway is finished in 1939. The section of roadway completed was excavated by a steam shovel, gravel borrow obtained from the Town Pit,

and the penolithic surface constructed by town employees. Some 500 lineal feet of granite curbing were installed on the North slope of Lowell Street hill, to prevent washouts by surface water. Due to the lack of convenient detours, the roadway was constructed in two halves, with one-half the roadway open at all times to traffic. The penolithic surface was about to be installed when the November snow-storm and continued cold weather greatly impeded progress. Work of this nature should be done in the Summer months, as snow and cold weather are not conducive to proper road construction. Work on Lowell Street was stopped January 5, 1939 and will be resumed as early in the Spring as weather permits.

The late release of Chapter 90 funds by the State is deplorable. These funds should be released early in the year so that the work could be done in the summer months. Years ago these funds were released early in the year and the work done in the warm weather as it should be. It seems peculiar that the State cannot do so today.

Granolithic Sidewalks

Granolithic sidewalk construction nearly doubled in square yards that of 1937. A total of 2,726.73 square yards were constructed in 1938, on a total frontage of 4,000.51 lineal feet abutting 50 different properties. Of these, 46 sidewalks were installed under the Betterment Act, totaling 2,484.50 square yards on a total frontage of 3,709.79 lineal feet. These sidewalks varied in width, according to the location, from 4.5 feet to 7.5 feet. The average total cost per lineal foot of frontage for normal widths of granolithic sidewalks in 1938 was \$1.06, or \$.53 per lineal foot of frontage to the abutter. Under the provisions of the Betterment Act, the abutting property owner pays to the Town one-half the cost of construction of the sidewalk. Payments may be apportioned over a period not exceeding ten years, provided, however, that no one yearly payment shall be less than \$5.00. Interest is charged on the unpaid balance yearly, and the amount of the charges included on the annual real estate tax.

These Betterment sidewalk installations included construction of sidewalks on Salem Street, South side, John Street to Wilson Street; Salem Street, North side, Harnden Street to Pearl Street; Woburn Street, South side, Chute Street to High Street; Pleasant Street, North side, Main Street to Middle Street; Pleasant Street, South side, No. 111 to John Street. The old sidewalks on these locations were constructed of dirt, very rough and uneven, and heavily traveled. These

installations follow a definite program laid out by this department which will, in time, result in granolithic sidewalks being constructed on all streets adjacent to the Square. Good sidewalks are a good investment. Only in the past two years have appropriations for sidewalks been such that any appreciable amount of granolithic sidewalks could be constructed.

Several applications for granolithic sidewalks are on hand, received in 1938 but not installed because of lack of funds. These applications will be given priority in 1939 construction.

The following table illustrates granolithic sidewalk construction in 1938.

GRANOLITHIC SIDEWALK CONSTRUCTION BY STREETS

Street	Number Lots	Feet Frontage	Square Yards
Cross Street	1	60.00	34.57
Deering Street	1	118.60	57.54
Gilmore Avenue	1	105.10	57.08
Hanscom Avenue	1	92.18	57.01
Haven Street	1	60.00	34.58
John Street	1	83.95	49.59
Kingston Street	2	139.70	86.99
Middlesex Avenue	2	225.95	137.20
Mineral Street	1	29.20	14.55
Pleasant Street	11	649.00	433.08
Salem Street	18	1,573.43	1,167.02
Sanborn Street	5	576.30	435.29
Vine Street	1	51.60	31.55
Woburn Street	3	204.00	114.83
Lowell Street	1	31.50	15.75
Totals	50	4,000.51	2,726.73

Each year more property owners apply under the Betterment Act for granolithic sidewalks than can be constructed from available funds. It is suggested that persons contemplating such application make the application early in the season, in order that their application may be granted and the season's sidewalk program efficiently mapped out. In several instances, owners of abutting properties have applied simultaneously. This generally results in lowering the cost of construction, as, with all the necessary equipment at hand, work progresses much more rapidly than do separate isolated jobs.

STONE DUST SIDEWALKS

Stone dust was applied to many dirt sidewalks in various locations, to temporarily improve existing conditions. Stone dust was also applied to gravel sidewalks constructed on street acceptances, abutting new houses, etc. A total of 211.55 tons were used on sidewalks.

GRAVEL SIDEWALKS

Gravel sidewalks were constructed on outlying streets where formerly no sidewalks existed, in front of newly constructed dwellings, and on street acceptances. A combination sidewalk and berm was constructed on Lowell Street, southwest side, Northerly from Middlesex Avenue, to prevent surface water flowing across private property. Approximately 4,100 square yards of gravel sidewalk was constructed on a frontage of approximately 6,800 lineal feet.

GRANITE CURBING

New granite curbing totaling 1,532.85 feet of straight, 336.43 feet of radius, and 49 driveway returns were set in 1938, these figures including eighteen installations made as betterments. The following table defines new granite curbing installation by streets in 1938:

GRANITE CURBING INSTALLATION BY STREETS

Street	Number Lots	Feet Curbing Installed			Total Length Feet
		Straight	Radius	Returns	
Hanscom Avenue Intersection		2.00	13.00	—	15.00
Haven Street	1	44.60	—	2	44.60
High Street	3	192.55	—	15	192.55
Hillcrest Road	1	122.00	—	4	122.00
John Street	1	68.30	—	2	68.30
Kingston Street	2	117.00	—	4	117.00
Lowell Street	4	479.00	—	6	479.00
Parker Street Intersection		—	58.55	—	58.55
Pleasant Street Intersection		—	21.70	—	21.70
Sanborn Street	3	62.90	—	3	62.90
Vine Street Intersection		—	87.96	—	87.96
West Street	1	68.00	—	2	68.00
Weston Road	1	65.20	—	2	65.20
Woburn Street	4	246.60	142.42	7	389.02
Salem Street	1	13.20	—	2	13.20
Winthrop Avenue Intersection		5.50	12.80	—	18.30
John Street	1	46.00	—	—	46.00
Totals		1,532.85	336.43	49	1,869.28

Preliminary to the Chapter 90 construction of Woburn Street, six sharp corners at intersecting streets were rounded out by installation of radius curbing, allowing traffic to more easily negotiate these corners. Also on Woburn Street, 442.2 lineal feet of curbing was moved and reset to grade.

On other streets, because of sidewalk construction, relocations, etc., 477.6 feet of straight curbing, 32.1 feet of radius curbing and 8 driveway corners were reset to conform to new grades and/or street lines.

BOUND STONES SET

Bound points were set as required by law to define street lines, as shown in the following table:

Street	Location Set	No. Set
Kingston Street	West Side, near Mt. Vernon	
	At angle point	1
Priscilla Road	Puritan Road, Easterly, to Dead End	
	Accept. of 1937	11
Puritan Road	Lowell Street to John Carver Road	
	Accept. of 1937	16
Lawrence Road	Main Street to Hampshire Road	
	Accept. of 1938	16
Grove Street	Forest Street to Golf Club	
	Relocation of lines	9
Woburn Street	High Street to Sanborn Street	
	Reconstruction of 1938	6
Linden Street	Intersection of Lowell Street	
	Sidewalk construction	2
Vine Street	East side, near Mineral Street	
	Relocation of corner	2
John Street	N. W. corner John & Pleasant Streets	
	Sidewalk construction	1
Salem Street	South side at John & Eaton Streets	
	Sidewalk and Sewer construction	2
Pleasant Street	North side—Parker to Middle Streets	
	Sidewalk construction	3
Total		69

The bound points set were all regulation cut granite bound stones, and were accurately placed. As will be observed by examining the above table, most of the bounds were set on street acceptances and relocations and some were made necessary by sidewalk construction.

Several bound stones were reset when found moved by construction jobs or other causes. These were carefully checked by our engineer when reset.

STORM WATER DRAINAGE

Storm water drain installation in 1938 was substantially increased over that of preceding years, due in the main to W. P. A. drainage projects. The drainage system was extended a total of 8,203.70 lineal feet, with pipe ranging from 6 inch to 30 inch diameter; 94 catch basins and 39 manholes were constructed, and 47 curb inlets set.

The W. P. A. storm water drain project installed storm drains on portions of Green, Elliott, Haven, Minot, Pleasant, Vine, Oak and Parker Streets and Pinevale and Center Avenues. Drainage conditions on these streets were especially bad, and were corrected by the new drains.

The following table shows the streets, length and size of pipe where storm drains have been laid:

STORM WATER DRAINAGE
Size and Length of Pipe Installed

Location	30"	24"	18"	15"	12"	10"	8"	6"	C. B.	M. H.	C. I.	Totals
Green St.....					1,008.0				11	2	10	1,008.0
Pinevale Ave.....					711.5				8	5	7	711.5
Pleasant St.....					669.5				4	3	2	669.5
Elliott St.....	363.0			221.5	28.0				2		2	612.5
Haven St.....					438.3				7	5		438.3
Center Ave.....					493.0		34.0	6.0	5	2	4	533.0
Parker St.....					292.2	51.0			4	1		343.2
Lowell St.....		58.0	373.0		419.0			24.0	8	3	6	874.0
Woburn St.....					67.5	46.0	70.0		9	3	5	183.5
Grove St.....					804.0				6	4		804.0
Prescott St.....	249.7									2		249.7
Vine St.....					258.5		3.0	16.0	5		2	277.5
High St.....					93.5				1	1		93.5
Summer Ave.....	129.0				283.0				6	3	1	412.0
Oak St.....					690.8				6	4	6	690.8
Village St.....			7.5		32.7				1	1		40.2
Hillcrest Rd.....					56.5				1		1	56.5
Lawrence Rd.....					19.0	10.0	78.0		5			107.0
Bancroft Ave.....					13.0		7.0		2			20.0
Hartshorn St.....					54.0				2			54.0
Minot St.....								25.0	1			25.0
Totals.....	378.7	421.0	380.5	221.5	6,432.0	107.0	192.0	71.0	94	39	47	8,203.7

Two drain easements were secured from property owners and drain pipes installed to relieve drainage conditions. One easement drain started in 1937 was completed. A section of a large open drain ditch between Prescott and Woburn Streets was piped with 30 inch pipe. This open drain ditch flows through a residential section, and has caused much trouble to the abutters by overflowing, caving in, and creating a health menace.

MAINTENANCE OF STORM DRAINS

Many open drainage ditches that had not received proper attention, due to lack of funds, during the past few years were cleaned, deepened and widened, by Welfare recipients. Reading has miles of these open ditches, many of them located in the outlying sections although some are in residential districts. They are a constant source of trouble, as the earth slopes often cave in, grass and weeds growing thereon in dry weather clog the ditches and dams form from the debris which is thrown in them. A W. P. A. project, sponsored by the Board has been approved to rip-rap with stones the bottom and sides of certain ditches, with sump-holes or sand traps located upstream from culverts. This will, when completed, in some measures improve certain of these open ditches—the only actual and permanent remedy will be to pipe and fill in the ditches.

The near-record rainfall in 1938 necessitated several cleanings of catch basins and culverts. After the September hurricane, conditions were especially bad, with leaves and twigs littering the streets. Fortunately, no heavy amount of rain-fall occurred until after the streets and gutters were swept and cleared of debris.

SPECIAL LABOR ACCOUNT

At the annual March Town Meeting under Article 4, the sum of \$13,000.00 was raised and appropriated to be expended by the Board of Public Works for the employment of labor for the construction and maintenance of highways, sidewalks, drainage, common, parks, water works and sewers. Through an agreement with the Finance Committee and the Welfare Board, a weekly list of employables on relief was furnished the Board of Public Works by the Welfare Board, and these employables were assigned to work on various projects and paid at the rate of 40 cents per hour from the special labor account. Supervision of projects and men was under the direction of the Board of Public Works. The special labor fund was introduced as a partial so-

lution to the welfare problem, in that those on relief, physically fit to work, should be employed, and on projects that would give the Town a definite return for the money expended on relief.

The system has proven satisfactory, in that much needed work has been accomplished outside the regular routine work of our various departments.

Over 50% of the appropriation was expended in the Parks, Playgrounds and Commons. Because of small appropriations in recent years, the grounds have necessarily been neglected. Special labor account employees worked in the different parks throughout the season, and were responsible for the majority of the work done in the parks in 1938. Reference is hereby made to the Park Department section of this report, wherein a detailed account of the various projects and improvements accomplished is set forth.

On High Street, between Woburn and Chute Streets, Welfare laborers set curb stone on the Easterly side; then rebuilt the roadway, which was scarified, graded, a sub-base of crushed stone laid, and surfaced with hot-top mix.

Many open drainage ditches were cleared and deepened, culverts cleared of accumulated debris, etc. Brush was cut on roadsides, and burned at the John Street Dump. Much work was also accomplished at the dump, both in clearing up rubbish in the dump and landscaping, setting shrubs and trees on the John Street frontage of the dump.

Many gravel sidewalks were constructed in locations not hitherto containing sidewalks. After the torrential rain-storms in July, catch basins were cleaned, gutters swept, and culverts opened.

During the hurricane reconstruction period, Welfare laborers worked diligently to clear away the debris, on streets, parks and commons.

HURRICANE—STORM EMERGENCY RECONSTRUCTION

A brief account of the events during and after the unprecedented September hurricane as concerns this department may be of interest. Reading apparently was in the Easterly edge of the hurricane's path, and did not receive its full force for as long a period as that section nearer the middle of the Commonwealth.

The day of the hurricane, Wednesday, September 21, was cloudy and overcast with a moderate Southerly wind until noon-time. The wind then gradually increased to half-gale force. The wind steadily increased until by 4:00 P. M. it was blowing a full gale. Some limbs were torn from trees, but no serious damage occurred until between 5:00 and 7:00 P. M., when the wind suddenly strengthened to hurricane

force, attaining a maximum velocity of over 100 miles per hour. Between the hours of 5:00 and 7:00 P. M., damage to trees, buildings and other structures was considerable.

Woburn, Lowell, Prescott, Salem, Franklin and West Streets were completely blocked by fallen trees, some of which measured from four to five feet in diameter. Practically every street in Reading was blocked with trees, limbs, poles and wires. Howard Street, between Sigsbee Avenue and West Street, was particularly hard hit, with practically every tree and pole blown down.

The full crew of regular employees was called to duty at 6:00 P. M., also as many extra employees as could be contacted. Armed with axes and saws, the debris on main traveled streets was first attacked, and the streets of secondary importance later. No attempt was made to haul trees away at this time. After the tree trunks were sawed off from the stumps, a truck or tractor was used to shunt them to the side of the road. All electric street lights except those in the Square having failed, this work had to be illuminated by truck headlights, flood lights and hand torches. By midnight, September 21, all of the streets in Reading were passable for automotive traffic, with the exception of sections of some streets in outlying districts. Work continued until 3:30 A. M., when most of the crew were sent home for a rest, in order that they might be more fit for continuing the work in daylight. Two trucks and their crews were kept on duty continuously for emergencies.

At 7:30 A. M., September 22, work got underway with a full complement of men and equipment. A systematic job of "mopping up" was begun, taking the most heavily traveled streets first, namely Woburn and Lowell Streets. We were very fortunate in having available two power shovels, one gasoline and one steam operated. These had been hired for Chapter 90 construction, which was to have started the day following the hurricane, September 22. These shovels proved invaluable in digging out tree stumps, loading stumps and sections of tree trunks on trucks, etc. Many of the stumps moved were so large as to each constitute a maximum load for our five-ton trucks. The removal of these stumps left cavernous openings in streets, sidewalks and tree-lawns. A crew of men and trucks were assigned to fill these stump holes with gravel until more permanent repairs could be made.

Tree stumps were disposed of at the John Street Dump, many having since been worked into firewood by Welfare employees. The tree trunks and large limbs were hauled to wood storage yards to be used as firewood by the Welfare Department. Small limbs, brush and litter were burned at John Street Dump.

Work of removing stumps and trees continued through September

23, 24, 25, and 26, during which time a total of 134 tree stumps had been excavated and removed, and the trees hauled away. Stumps were also removed from private property at the owners' request, and in several instances, aid was given the Tree Warden in removing fallen trees from houses. A special climbing crew was assigned to cruise the town to spot and remove if possible, limbs on wires or hanging limbs liable to fall and cause damage. By Monday night, September 26, the streets and sidewalks had been cleared to such an extent that most of the departments' employees were removed from storm emergency work and returned to their regular duties.

During the emergency, Welfare laborers were assigned to this work, also all W. P. A. laborers assisted. A special Storm Emergency W. P. A. project assigned 50 laborers to sweep up streets and gutters, remove the accumulated debris, and generally assist in cleaning up.

For several weeks following the hurricane, crews of regular and extra employees were engaged in storm emergency reconstruction. Granolithic sidewalks, granite curbing and street surfaces were displaced by the roots of fallen trees, walls and fences knocked down, and other havoc wrought. Repairs to sidewalks and streets have been completed—granolithic sidewalks rebuilt, curbing reset, walls rebuilt and pipe and cable guard rails replaced, and street surfaces replaced with the type of material of which they are constructed. Particular damage to the surface of Woburn Street occurred in the locus of 1937 Chapter 90 construction, the Class I bituminous concrete pavement having been torn up in several places by uprooted trees.

GENERAL

The Highway Department is now completely settled in the Public Works Garage on John Street. The old barn at the corner of John and Union Streets has been razed and the lumber reclaimed.

A machine shop has been set up, using shafting and equipment from the old barn. A new forge was purchased, and the blacksmith shop set up in the alcove set aside for it. The machine shop and smithy are used extensively in repairs to equipment by all Town departments.

Lockers were built in the locker room, and each regular employee assigned one, in which to keep changes of clothes, raincoats and personal belongings. The shower baths were greatly appreciated by the men after a hard, hot day's work during the summer months and long, cold hours on snow work during the winter months.

ROLLING EQUIPMENT OF THE BOARD OF PUBLIC WORKS

The following chart will illustrate the rolling equipment of the Highway, Water and Sewer Departments, and the year purchased:

No.	Item	Year Purchased
1.	1—5 ton Sterling H. C. 100 M. Z. Truck.....	1937
2.	1—Model 82 Barber-Greene Loader	1937
3.	1—Model E Cletrac Tractor	1937
4.	1—Chevrolet Chassis Air Compressor Truck	1937
5.	1—Model 80 "Handy Sandy" Sand Spreader	1937
6.	1—Ford V-8 Pick-Up Truck	1937
7.	1—5 ton Sterling H. C. 100 Truck	1936
8.	1—1½ Ton Dodge Truck with Custom Built Body	1936
9.	1—1½ Ton Chevrolet Truck	1936
10.	1—Chevrolet Standard Coupe	1936
11.	1—Cletrac Model BG Tractor	1936
12.	1—5 Ton Walters FM Four Wheel Drive Truck	1935
13.	1—2½ Ton Diamond T. Truck	1934
14.	1—Caterpillar Tractor	1934
15.	1—1½ Ton Chevrolet Truck	1934
16.	1—15 Ton Gasoline Driven Road Roller	1931
17.	1—Master 7 Cement Mixer	1931
18.	1—5 Ton Autocar Truck	1930
19.	1—Fordson Tractor	1927
20.	1—Trailer	1923
21.	1—K. P. Mixer	1922

PARK DEPARTMENT

To the Board of Public Works:

Gentlemen:

The following is the yearly report of the Park Department:

Appropriation	\$ 3,500.00
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Expended:

Memorial Park

Pay Roll, Care of Park	\$ 320.81	
Lights	21.81	
Misc. Supplies and Tools	186.23	
		\$ 528.90

Washington St. Park

Pay Roll	\$ 623.38	
Lights	9.00	
Misc. Supplies	272.16	
Fence	100.00	
		\$ 1,004.54

Birch Meadow Playground

Pay Roll	\$ 745.30	
Lights	134.39	
Resurface Tennis Court	260.00	
Misc. Supplies	303.96	
Fence	146.00	
		\$ 1,589.65

Common

Pay Roll	\$ 105.07	
Loam and Grass Seed	62.00	
Misc. Supplies	28.44	
		\$ 195.51

Leach Park

Pay Roll	\$ 61.60	
Grass Seed	6.00	
		\$ 67.60

Curtis St. Skating Rink

Pay Roll	\$ 76.44	
Lights	14.86	
		\$ 91.30

Total Expended	\$ 3,477.50
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Balance Unexpended	\$ 22.50
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PARK DEPARTMENT

Recreational activities at the various parks and playgrounds reached a new peak in 1938. Tennis, baseball, softball, hockey, and horse-shoe clubs and leagues played regularly scheduled games in their respective sports which were well attended by interested spectators. Perhaps the most popular sport, in season, was softball, which received added impetus by the forming of teams from local business establishments, fraternal organizations, and town departments. Tennis continued popular, with the courts always in great demand.

The younger children greatly enjoyed the wading pool at Birch Meadow Playground, and see-saws, swings and other playground apparatus were in constant use during the summer months.

During the winter months, the skating areas and hockey rinks were maintained, and hockey clubs continued active.

A brief resume of the improvements accomplished at each park, playground and common is as follows:

MEMORIAL PARK

Maintenance work was accomplished during 1938 by Welfare recipients under the supervision of department employees. Walks were trimmed and edged, shrubs and trees pruned and shaped, lawns kept mowed, etc. The crest of the gravel knoll situated west of the barn was leveled off, and the excavated sugar gravel spread on walks and drives.

In order to facilitate drainage in the area near Salem street gateway, which is low and swampy, a system of French drains (ditches filled with stones and rubble, then sodded over) was installed by Welfare recipients, carrying surface and ground water to the main drainage ditch. These drains have greatly improved the area serviced. The main drain ditch was also cleaned out and rip-rapped walls replaced and repaired where necessary.

The stone retaining wall east of the Brown estate, which was in bad repair and hazardous, was rebuilt. A chain link fence was erected on the south boundary of the Park abutting properties of Krook and Brown to prevent users of the Park from trespassing on private property. The masonry foundation of the Barn was repaired and pointed, and minor repairs made to the building.

The Park Barn is old, drafty and obsolete. It is impossible to heat in cold weather and needs extensive repairs. This department is preparing a plan for a new building to be built approximately on the location of the present building. It is hoped that by the use of W. P. A.

labor and available funds the building may be completed without any request for special appropriations being made.

The W. P. A. Recreation Project was again in charge of supervised play and functioned in its usual efficient and satisfactory manner. Instructors were employed also by the department to augment the W. P. A. personnel and teach the rudiments of tennis, baseball, football and other sports at the various parks. These instructors were Reading young men who have majored in college or high school in the sports they taught at the parks.

During the winter months, the Park pond has been kept flooded and excellent ice skating enjoyed.

The September hurricane did not cause much damage at the Park, although several trees were tipped by the wind. These were all straightened and guyed, and are apparently recovering. The flag-pole at Salem street gateway was blown down, and found to be defective. It was replaced with a new pole.

This department hopes, this coming year, to raise the grade of the horse-shoe courts so that they will be more attractive and usable.

BIRCH MEADOW PLAYGROUND

Many improvements were made at the playground, of a constructive and permanent nature.

Early in the spring, a system of French drains was installed around the tennis courts to facilitate drainage; and two catch basins and twenty feet of drain pipe installed at the intersection of Bancroft Avenue and Hartshorn Street at the Bancroft Avenue entrance of the playground to prevent surface water from Bancroft Avenue washing into the playground. These basins were connected to a main drain ditch.

The wading pool, constructed in 1937, proved very popular with the younger children and was constantly overcrowded. Using the walls and bottom of the old pool, which was constructed of rip-rapping grouted with cement, a new and larger pool was built. The new pool measures 56 feet by 36 feet, and is similar in construction to the former pool. Sprinkler heads built in the pool supply a constant flow of town water, when in use, and a flood gate facilitates draining the pool for cleaning. A chain link fence was erected to enclose the pool and prevent its unauthorized use. During regular scheduled hours the pool was opened for use, and an instructor employed by the department kept in attendance. Sanitary conditions at the pool were maintained by regular drainings, flushings, and cleanings.

Three of the five tennis courts were surface treated with applications

of Tarvia and covered with washed stone dust. New canvas net covers were installed, the wire fences around the courts repaired, and wooden foot-boards installed at the bottom of the fences to more thoroughly prevent tennis balls from rolling out of the courts.

An attempt was made to resurface three of the tennis courts inexpensively. The attempt was only slightly successful. The application of tar and fine stone dust was helpful in preserving the existing surfaces and preventing deterioration. It did not, however, when finished, present as good a playing surface as had been hoped.

Construction was started of a new roadway, from the intersection of Bancroft Avenue and Hartshorn Street to the westerly terminus of Waverly Road as accepted as a public town way at the March 1938 town meeting. When completed, entrance to the playground will be possible from Main Street providing the residents of the Main Street section with a more convenient route to the playground. Earth fill for this road was secured from the excavation of Lowell Street during Chapter 90 reconstruction. The area between these roads and the southerly and westerly property lines of the playground will be filled as filling becomes available during the years. An extensive area will then be available for playground purposes.

The shade trees on the overlook incurred considerable damage during the hurricane. The damaged trees were removed and the usable firewood salvaged. The stumps will be removed during the winter months.

The hockey rink was set up, and floodlights installed for night hockey games. Good skating ice was maintained in season, by periodically sweeping, spraying and/or flooding the rink. The department hopes to be able soon to excavate a new area for skating purposes northeast of the present area. The present area is too small and presents an unsightly and unhealthy condition during the summer months, being quite muddy and swampy.

A softball diamond was laid out on the play area and was the scene of much activity, games being played by several industrial, fraternal, neighborhood and W. P. A. softball leagues.

The see-saws, swings and other playground devices were erected in the early spring and were much in demand. The "Ocean Wave" device was out of commission during part of the season from damage caused by vandals, requiring extensive repairs before it could again be used.

WASHINGTON STREET BALL PARK

Early in April, the entire grounds were put in condition for the coming season. Loam was spread in depressions on the baseball field, all bare spots seeded, fertilizer and horticultural peat moss applied, and the entire field raked and rolled. Walks were edged and raked, shrubs

trimmed and pruned, and general maintenance of the grounds accomplished.

The horseshoe courts were reconditioned, boxes re-filled with clay, and stakes reset. A dry well was built to accommodate the overflow from the drinking fountain.

Playground equipment was overhauled and repaired, sand boxes re-filled, and maintained.

An easement was secured from the owners and a fenced passageway constructed from Warren Avenue westerly to the ball park through lands of the Reading Greenhouses, Inc., to provide a means of access to the park from Warren Avenue and at the same time prevent trespass on private property by users of the park.

The surfaces on the tennis courts were rough and uneven and consequently unfit for good tennis. The old surfaces were removed, a gravel sub-base and top placed and rolled, and penetrated and sealed with Tarvia. The tennis court fence was extensively repaired.

The annual Fourth of July Field Day, sponsored by the Board, was held at the park the morning of the Fourth, and was well attended. At 11:00 a. m. heavy rain forced the postponement of the remaining field day events, which were held the following Saturday, and prizes, donated by the Board and Town merchants, awarded to the winning contestants.

READING COMMON

Regular maintenance work was accomplished on the four grass plots comprising Reading Common—depressions loamed, rolled and seeded, bare spots reseeded, and fertilizer spread over grass. Walks and paths were edged, trimmed and raked, and stone dust applied.

The Common flag-pole was blown down during the September hurricane. Fortunately no damage was caused by its fall except to the pole itself. Upon examination, it was found that by cutting off a portion of the base of the pole, where the wood had rotted in the cement base in which it had been set, and a short section of the top, which was shattered by the fall, the pole could be reclaimed and re-set. This was done, the old cement base of the pole removed and the pole cut by department employees. The pole was then re-set, and a new lignum-vitae truck and ornamental ball installed to replace those which disappeared when the pole was blown down.

Several trees on the Common were destroyed by the hurricane, and many limbs broken. The down trees were removed, stumps excavated and pulled out, and stump-holes graded over. The damaged trees were trimmed, broken limbs removed and the trees saved when possible.

The Common presented a green, attractive appearance all summer. This was due, in the main, to the applications of fertilizer and the manual care given during the past two years. This department hopes the town will continue to appropriate funds for this purpose as

the Common is seen by hundreds of persons driving through town and should present at least a pleasing appearance if not a beautiful one.

LEACH PARK

Leach Park received its usual attention during the year; grass cut, walks edged and graded, shrubs and trees trimmed and pruned.

The beautiful blue spruce tree located in the center of the park was blown down by the hurricane. This was a particularly well-shaped tree, adding much to the park's appearance.

This tree was cut up and removed by some unknown person. Arrangements had been made to replant the tree. When the men reached the park to replant the tree they found, to their dismay, that it had been cut up and removed by some well meaning but unthinking person. This department was greatly disturbed by the incident as this was a beautiful and well-shaped tree.

After much search, a blue spruce was finally secured as a replacement which conforms, in some respects, to the tree destroyed.

DICKIE'S POND

The hockey rink was maintained in season and used continuously. Benches were erected adjacent to the rink for use of players and spectators. Hockey clubs and leagues continued active and many league games were played at this rink. The rink was lighted for night games.

General ice skating conditions were good during the early and late months of 1938, and devotees of ice skating used Dickie's Pond constantly.

The town is indebted to Mr. Logan Dickie for his generosity in allowing his pond to be flooded and used as a public skating area each year.

INTERSECTION GRASS PLOTS

The grass plots constructed in 1937 at intersections of streets in various locations have proved their worth; in addition to compelling traffic to stay in proper lanes they are more ornamental than the old haphazard islands. The grass was kept mowed, in season.

PARK DEPARTMENT

General Recommendations

The number of persons in attendance at the parks and playgrounds has increased greatly in the past few years. The increase in the number of older children is especially noticeable. This is probably due to unusual social and economic conditions. The problem of presenting and supervising attractive activities is one that should be seriously considered. While the W. P. A. supervisors are doing excellent work, both personally and as a group, they are handicapped by the rules, regulations and working hours under which they must labor. This de-

partment presents every possible activity that its present appropriations will permit.

There is a grave problem facing the town in the growing group of unemployed older children. The problem of supplying recreation and guidance to these children is worthy of serious study. One method of alleviating the situation is the development of the parks and playgrounds from the view point of all-year-round service, thus making available to these children wholesome activities under the guidance of selected supervisors. Well directed, attractive activities will afford these children a chance to use their idle hours wholesomely and profitably and will help to keep the town free from juvenile delinquency. It is felt that funds spent in this manner will bring the town a definite, if intangible, return on its investment. It is therefor strongly urged that the appropriations for parks and playgrounds be greatly increased over previous years.

Tennis is a popular sport. At present, the department has nine courts only three of which have good playing surfaces. The other six have tar treated gravel surfaces which are rough and uneven. An attempt was made last summer to surface these courts inexpensively without success. It is recommended that funds be made available to surface these six courts with asphaltic cement mixtures of the same nature as the surfaces of the three good courts.

The fences surrounding the courts at Birch Meadow and Washington street are of cheap construction and in poor condition. It is recommended that they be replaced with good chain link fences.

The parks and playgrounds have very little play apparatus on them. The department has installed as many pieces as its finances would permit. The total number is, however, inadequate. It is recommended that additional funds be made available for the purchase of play apparatus.

This department has several plans, of a concrete nature, for the development of parks and playgrounds. These plans include, among others, reclaiming and developing swampy areas, relocating areas of play, installation of apparatus, construction of play houses, development of activities from which an income may be derived, extension of supervision and many others. The present appropriations to the Park and Playground Department are, however, entirely inadequate to permit any particular development of the parks and playgrounds. The above developments will, therefore, proceed at a very slow pace unless greater appropriations are made by the Town for park and playground purposes.

SEWER DEPARTMENT

To the Board of Public Works:
Gentlemen:

The following is the yearly report of the Sewer Department:

Construction and Maintenance Account

Appropriation		\$ 11,410.00
Construction Expenditures:		
Pay Roll	\$ 1,483.08	
Supplies for Construction ..	662.85	
	<hr/>	
		\$ 2,145.93
Maintenance Expenditures:		
Pay Roll	\$ 3,521.40	
Int. on Bonds	3,070.00	
Insurance	375.93	
Equip. Maint.	242.59	
Gas and Oil	122.73	
Sewer Cleaning Equip.	483.25	
Misc. Supplies and Tools	661.86	
Transf. to Rd. Mch. Acct. ..	172.00	
	<hr/>	
		\$ 8,649.76
Total Expended		\$ 10,795.69
Balance Unexpended		614.31

House Connection Account

Appropriation		\$ 1,000.00
Transfer		200.00
		<hr/>
		\$ 1,200.00
Expended:		
Pay Roll	\$ 906.28	
Pipe and Fittings	274.75	
Total Expended		\$ 1,181.03
		<hr/>
Balance Unexpended		\$ 18.97

On application of abutting property owners, an extension of the main trunk sewer was made in Eaton Street, from Pleasant Street Northerly to near Salem Street. This extension comprised 500 lineal feet of 12" vitrified sewer pipe, fifteen 12" x 5" Y connection for future use, and two sewer manholes. It was also necessary, because of much ground-water, to lay 500 lineal feet of 6" vitrified clay underdrain pipe below the sewer line. The sewer main was laid at an average depth of eight feet, and the underdrain at an average depth of nine feet. It was necessary to sheath much of the trench due to caving of the trench wall through prevalence of ground-water. The sewer main was laid on a 1.80% grade. There are ten houses listed as possible connections to this main, with two having been connected to date.

Preliminary to the Chapter 90 construction of Woburn Street, two extensions of sewer mains for possible future use were made. At the intersection of Bancroft Avenue and Woburn Street 36.52 feet of 8" vitrified sewer main was laid from the manhole in Woburn Street to beyond the side-line of Woburn Street; and at the intersection of Woburn and Chute Streets an extension of 35.30 feet of 8" Cast Iron sewer main was laid from the manhole in Woburn Street northerly beyond the side-line of Woburn Street. The sewer mains on the section of Woburn Street constructed were examined for possible defects, cleaned, and manholes frames and covers adjusted to grade. Several old type manhole covers in this section were replaced with new covers, and one sewer manhole was rebuilt.

The sewer cleaning equipment purchased late in the fall of 1937 was used extensively during the year, and all mains laid on a flat gradient have been thoroughly cleaned by it. Through a planned program, other sewer trunk lines have been and are being cleaned, and in time all sewer trunk lines in the sewerage system will be so treated regularly.

Twenty-six new house sewer connections were installed in 1938, having a total length of 1,273.50 feet, at an average cost to the property owners of \$27.26 per connection. Six of these connections were made to newly constructed houses, the remainder to existing houses on streets having a common sewer. In three instances, owners of properties were compelled by the Board of Health to connect with the sewer as a necessary health measure, because of inefficient and overflowing cesspools which created an unhealthy condition in their neighborhood.

Sewer maintenance work somewhat exceeded that of previous years. A total of twenty-five house sewer connections became clogged and stopped. Tree roots growing through defective joints into the sewer pipe were responsible for approximately one-half the stoppages and were cleared at the expense of the department; the remainder were caused by the presence in the sewer connections of such foreign

objects as bottles, tin cans, garbage, rags, etc. These stoppages were also cleared, but at the expense of the property owner.

One house connection was broken during excavation by a power shovel and relaid. Two other house connections, broken during storm drain installations, were repaired. Several manholes frames and covers were adjusted to grade in various streets, broken manhole covers replaced, and a number of manhole covers that were noisy under auto traffic replaced with noiseless ground-joint covers.

At the Annual Town Meeting in March, 1938, under Article 33, the Town voted to accept the provisions of Chapter 280 of the Acts of 1937, entitled "An Act Authorizing the Town of Reading to Establish Regulations Requiring Owners to connect with the Common Sewer therein". The Act referred to is as follows:

ACTS OF 1937

CHAPTER 280

An Act Authorizing the Town of Reading to Establish Regulations Requiring Owners to Connect with the Common Sewer Therein

Section 1. Chapter three hundred and fourteen of the acts of nineteen hundred and nine is hereby amended by striking out section thirteen and inserting in place thereof the following: Section 13. The Board of Public Works, successor to the Sewer Commissioners, under authority of section two of chapter one hundred and eighteen of the acts of the year nineteen hundred and twenty-one may from time to time prescribe rules and regulations for the connecting of estates and buildings with main drains and sewers and for the purpose of requiring all owners of buildings located upon land abutting a public or private way in which there is a common sewer to connect therewith, and for the inspection of the materials, the construction, alteration and use of all connections and drains entering into such main drains or sewers, and may impose penalties not exceeding twenty dollars for every violation of any such rule or regulation, or not exceeding one dollar for each day during which such violation continues. Such rules or regulations shall be published not less than once a week for three successive weeks in some newspaper published in the town of Reading, if there be any, and if not then in some newspaper published in the County of Middlesex, and shall not take effect until such publication has been made.

Section 2. This act shall take full effect upon its acceptance by vote of the inhabitants of the Town of Reading at a town meeting held within two years after its passage.

Approved May 6, 1937.

The Board of Public Works, successors to the Sewer Commissioners, acting under the authority vested in them by the acceptance of said Chapter 280, Acts of 1937, by the Town, adopted the following Rules and Regulations relating to the connection of estates and buildings with the common sewer, and caused them to be published, as required by statute, in the Reading Chronicle, in publications issued July 1, July 8, and July 15, 1938:

Rules and Regulations Adopted by the Board of Public Works

Requiring Owners to Connect with the Common Sewer

Effective July 15, 1938

Under the authority conferred upon the Board of Public Works of the Town of Reading by virtue and in pursuance of Chapter 280 of the Acts of 1937, the following rules and regulations are hereby adopted relating to the connection of estates and buildings with the common sewer, such rules and regulations are in amendment of, in addition to, and form a part of the existing rules and regulations previously adopted by the Board of Public Works of the Town.

Section 17. In streets in which a common sewer is in existence and now available for connection therewith, owners of any building or structure upon land abutting thereon shall within ten (10) years from the date hereof, connect such buildings or structure with the common sewer.

Section 18. In streets in which a common sewer is subsequently constructed and available for connection, owners of any building or structure then existing upon land abutting thereon, shall within ten (10) years from the date of the completion and availability for connection of said common sewer, connect such building or structure with said common sewer.

Section 19. In streets in which a common sewer is in existence and available for connection, every owner of land abutting thereon shall, at the time of the erection of any building or structure thereon, connect the same with the common sewer.

Section 20. Sections 17 to 19 of the above regulations shall not apply to any building or structure which has no water service or supply of water therein.

Section 21. Any person who shall violate any of the provisions of Sections 17 to 19 inclusive of the above rules and regulations shall be liable to a penalty not exceeding twenty (20) dollars for each violation, or not exceeding one (1) dollar for each day during which such violation continues.

Immediately upon the adoption of said Rules and Regulations, every record owner of an estate abutting on a street containing a common sewer was notified of the provisions of Chapter 280 and the resulting revision of the Sewer Rules and Regulations, by written notice and/or personal delivery. It is hoped that no great financial burden will be placed on property owners by the connection regulation, as ten years are given in which to connect. Several property owners, whose cesspools had been a source of expense and care to them, have, since receiving notification, caused their respective estates to be connected with the sewer. Further reduction of the sewer rental rates will be possible as the number of users increases.

At the present time, a deposit covering the costs of connecting a building with the common sewer must be paid in advance of the construction. In some cases, this method is a hardship on the owner. The Board, at the Annual Town Meeting in March, 1939, will ask permission of the Town to petition the State Legislature to pass legislation allowing these costs to be spread over a period of ten years.

The following tables illustrate the status of the Reading Sewerage System as of January 1, 1939, showing the list of streets containing common sewers, the number of connections, possible connections and revenue charges for 1938, and the lengths of services, trunk sewers and underdrains.

READING SEWERAGE SYSTEM

1921 — 1938

Tables Showing

Streets Containing Sewers

Length of Sewer Connections

Main Sewers In Streets

Underdrains In Streets

STREETS

Streets	Possible Con- nections	Completed Con- nections	Per Cent Con- nected	No Con- struction Started	Connected to Street Line	Partially installed to House	Revenue Charges 1938
Arlington.....	12	3	25	5	3	1	\$ 25.27
Asn.....	17	9	53	7	..	1	113.69
Bancroft.....	22	13	59	9	..	..	129.99
Berkeley.....	27	16	59	11	..	..	214.03
Brook.....	8	1	12	7	..	..	7.36
Center.....	10	8	80	..	2	..	57.77
Chute.....	..	..	..	..	..	..	40.35
Copeland.....	8	8	100	..	..	..	141.22
Dudley.....	10	4	40	6	..	..	59.35
Eaton.....	12	4	33	8	..	..	12.00
Elliott.....	8	4	50	4	..	..	51.36
Fremont.....	4	4	100	..	..	..	57.86
Fulton.....	1	1	100	..	..	..	20.80
Gardner.....	7	5	71	2	..	..	44.16
Gould.....	3	3	100	..	..	..	27.54
Green.....	53	40	75	7	1	5	474.92
Haraden.....	9	8	89	..	1	..	92.73
Haven.....	45	30	67	7	6	2	545.66
High.....	16	7	44	7	2	..	63.06
Hillcrest.....	10	9	90	1	..	..	104.36
Howard.....	18	16	89	1	1	..	192.09
Ide.....	2	1	50	1	..	..	18.63
John.....	18	12	66	6	..	..	359.25
King.....	6	6	100	..	..	..	114.13
Kingston.....	15	14	93	1	..	..	106.95
Lincoln.....	7	5	71	..	2	..	88.40
Linden.....	11	7	69	3	..	1	127.88
Lowell.....	4	3	75	1	..	..	47.52
Main.....	50	40	80	..	8	2	998.47
Maple.....	2	1	50	..	1	..	8.97
Middle.....	3	2	66	1	..	..	10.58
Middlesex.....	24	14	58	6	2	2	191.27
Minot.....	12	8	67	..	2	2	85.53
Mt. Vernon.....	23	12	52	11	..	..	134.92
Parker.....	7	6	86	1	..	..	75.49
Park.....	7	6	86	..	..	1	47.60
Perkins.....	7	7	100	..	..	..	133.32
Pine.....	1	1	100	..	..	..	6.00
Pleasant.....	37	18	49	17	2	..	198.44
Pratt.....	4	3	75	1	..	..	35.28
Prescott.....	5	4	85	1	5	2	480.88
Prospect.....	18	9	50	8	1	..	144.84
Salem.....	21	13	62	1	7	..	219.80
Sanborn.....	15	10	66	3	..	2	269.21
School.....	10	0	00	4	..	..	63.56
Scotland.....	1	1	100	..	..	..	6.00
Smith.....	12	12	100	..	..	1	148.09
Summer.....	18	8	44	9	..	1	95.89
Swamp.....	5	1	20	..	3	1	9.43
Temple.....	33	12	36	..	15	6	230.30
Union.....	5	3	60	1	..	1	48.19
Village.....	22	14	64	7	..	1	176.24
Warren.....	17	14	82	..	2	1	177.12
Washington.....	31	20	64	9	2	..	178.75
Wendell.....	4	4	100	..	..	..	44.26
Wilson.....	11	9	82	2	..	..	80.75
Woburn.....	85	51	60	6	24	4	692.64
Total.....	900	590	66	182	92	36	\$8,329.48

LENGTH OF SEWER CONNECTIONS RUN TO EITHER CURB, HOUSES, OR CONNECTED

Streets	Curb	Houses	Connected	Total Length
Arlington.....	66.50	40.00	175.00	287.50
Ash.....	.....	.....	401.10	401.10
Bancroft.....	.....	.....	619.40	619.40
Berkeley.....	.....	.....	925.70	925.70
Brook.....	.....	.....	45.60	45.60
Center.....	35.00	.....	344.00	379.00
Copeland.....	.....	.....	506.00	506.00
Dudley.....	.....	.....	284.00	284.00
Eaton.....	.....	.....	241.30	241.30
Elliott.....	.....	.....	217.00	217.00
Fremont.....	.....	.....	209.00	209.00
Fulton.....	.....	.....	44.00	44.00
Gardner.....	.....	.....	225.50	225.50
Gould.....	.....	.....	236.50	236.50
Green.....	36.00	173.00	1,688.21	1,897.21
Harnden.....	32.00	.....	257.80	289.80
Haven.....	186.00	79.00	1,304.80	1,569.80
High.....	22.00	.....	252.80	274.80
Hillcrest.....	.....	.....	570.00	570.00
Howard.....	25.00	.....	967.00	992.00
John.....	.....	37.00	476.30	573.30
King.....	.....	.....	369.10	369.10
Kingston.....	.....	.....	587.00	587.00
Lincoln.....	79.00	.....	253.00	323.00
Linden.....	.....	41.00	339.70	380.70
Lowell.....	.....	.....	232.50	232.50
Main.....	350.50	99.00	2,013.25	2,462.75
Maple.....	18.00	.....	40.00	58.00
Middle.....	.....	.....	80.50	80.50
Middlesex.....	48.00	138.00	983.20	1,169.20
Minot.....	42.00	77.00	331.60	450.00
Mt. Vernon.....	.....	.....	599.70	599.70
Park.....	.....	37.00	208.00	245.00
Parker.....	.....	.....	267.50	267.50
Perkins.....	.....	.....	434.80	434.80
Pine.....	.....	.....	46.00	46.00
Pleasant.....	28.00	.....	935.30	963.30
Pratt.....	.....	.....	242.00	242.00
Prescott.....	116.60	228.00	2,866.70	3,210.70
Prospect.....	.....	.....	786.80	786.80
Salem.....	203.29	.....	816.11	1,019.40
Sauborn.....	.....	98.00	659.40	757.40
School.....	.....	.....	315.40	315.40
Scotland.....	.....	.....	60.00	60.00
Summer.....	.....	94.00	576.20	670.20
Smith.....	.....	.....	476.50	476.50
Sweetser.....	64.00	40.00	43.00	152.00
Ide.....	.....	.....	56.50	56.50
Temple.....	283.00	173.00	800.80	1,258.80
Union.....	.....	66.00	177.00	243.00
Village.....	.....	34.00	638.50	692.50
Warren.....	36.00	48.00	566.60	649.00
Washington.....	50.00	48.00	991.80	1,089.80
Wenda.....	.....	.....	202.50	202.50
Wilson.....	.....	43.00	380.90	423.90
Woburn.....	389.80	222.50	3,167.10	3,779.40
Totals.....	2,163.03	1,846.50	31,493.77	35,443.36

LENGTH OF MAIN SEWERS IN STREETS

Streets	6"	8"	10"	12"	15"	18"	20"	24"	Totals
Arlington....		399.80							399.80
Ash.....		822.90			258.80				1,081.70
Bancroft....		1,051.52							1,051.52
Berkeley....		1,256.10							1,256.10
Brook.....								847.60	847.60
Center.....		620.60							620.60
Chute.....		35.30							35.30
Copeland....		500.00							500.00
Dudley.....		374.50							374.50
Eaton.....				500.00	907.70				1,407.70
Elliott.....		396.00							396.00
Fremont....		456.50							456.50
Gardner....		475.00							475.00
Green.....	175.20	1,717.40			821.60				2,714.20
Harnden....		559.30							559.30
Haven.....		1,752.80							1,752.80
High.....			1,338.05	736.10					2,074.15
Hillcrest....		770.80							770.80
Howard.....	500.00	1,110.00							1,410.00
Interceptors		205.00					2,732.00		2,937.00
Jonah.....		266.00			569.60			178.50	1,014.10
King.....	340.00	175.00							515.00
Kingston....		719.30							719.30
Lincoln....			573.40	538.10					1,111.50
Linden.....	125.00	735.30							860.30
Lowell.....		813.10							813.10
Main.....		1,246.10		955.50			234.90		2,436.50
Maple.....		189.20							189.20
Middle.....		313.60							313.60
Middlesex....		1,423.40							1,423.40
Minot.....		1,409.65							1,409.65
Mt. Vernon..		828.52	160.00						988.52
Park.....		507.30	322.70						830.00
Parker.....		427.00							427.00
Perkins....		400.00							400.00
Pine.....		226.00							226.00
Pleasant....		1,496.80		843.96					2,340.76
Pratt.....		555.50							555.50
Prescott....		2,265.30		1,174.10					3,439.40
Prospect....		1,260.00							1,260.00
Salem.....		1,004.90		132.50					1,137.40
Sanborn....		716.30							716.30
School.....		688.25							688.25
Smith.....			475.00						475.00
Summer....		1,229.40							1,229.40
Sweetser....		334.30							334.30
Temple.....	896.76		432.89	661.39					1,991.04
Union.....		303.60							303.60
Village.....		1,015.60				487.80			1,503.40
Warren.....		715.00							715.00
Washington..		424.90		246.80	312.90		1,574.30		2,558.90
Wenda.....	300.00								300.00
Wilson.....			471.00	333.10					804.50
Woburn.....	732.80	2,944.70		917.40					4,594.90
Totals.....	2,869.76	37,137.54	3,773.44	7,038.95	2,870.60	487.80	1,809.20	3,758.10	59,745.39

LENGTH OF UNDERDRAINS IN STREETS

Streets	5"	6"	8"	10"	Total Length	Total Length Sewers and Underdrains
Arlington.....						399.80
Ash.....	237.00			258.80	495.80	1,577.50
Bancroft.....						1,051.52
Berkeley.....		456.00			456.00	1,712.10
Brook.....		847.60			847.60	1,695.20
Center.....	620.60				620.60	1,241.20
Chute.....						35.30
Copeland.....						500.00
Dudley.....						374.50
Eaton.....		880.00	527.70		1,407.70	2,815.40
Elliott.....						396.00
Fremont.....		456.50			456.50	913.00
Gardner.....						475.00
Green.....	836.90	974.10			1,811.00	4,525.20
Harnden.....						559.30
Havey.....		588.20			588.20	2,341.00
High.....		487.70	736.10		1,223.80	3,297.95
Hillcrest.....		450.40			450.40	1,221.20
Howard.....		1,410.00			1,410.00	2,820.00
Interceptors.....		2,937.00			2,937.00	5,874.00
John.....		748.10			748.10	1,762.20
King.....		175.00			175.00	690.00
Kingston.....	609.30	110.00			719.30	1,438.60
Lincoln.....			1,111.50		1,111.50	2,223.00
Linden.....	290.40	444.90			735.30	1,595.60
Lowell.....						813.10
Main.....		1,246.10	955.50	234.90	2,436.50	4,873.00
Maple.....	189.20				189.20	378.40
Middle.....						313.60
Middlesex.....	254.00				254.00	1,677.40
Minot.....	972.65	437.00			1,409.65	2,819.30
Mt. Vernon.....		230.30			230.30	1,218.82
Park.....	507.30		322.70		830.00	1,660.00
Parker.....						427.00
Perkins.....						400.00
Pine.....	226.00				226.00	452.00
Pleasant.....		374.00	469.80		843.80	3,184.56
Pratt.....	252.20	303.30			555.50	1,111.00
Prescott.....	1,070.60	2,091.80			3,162.40	6,601.80
Prospect.....	886.00				886.00	2,146.00
Salem.....	543.00		132.50		675.50	1,812.90
Sanborn.....	200.00				200.00	916.30
School.....						688.25
Smith.....						475.00
Summer.....						1,229.40
Sweetser.....	175.00				175.00	509.30
Temple.....		40.00			40.00	2,031.04
Union.....						303.00
Village.....		825.00			825.00	2,328.40
Warren.....	715.00				715.00	1,430.00
Washington.....		724.00	246.80	1,163.20	2,134.00	4,692.90
Wenda.....						300.00
Wilson.....			804.50		804.50	1,609.00
Woburn.....	1,196.00		917.40		2,113.40	6,708.30
Total Lengths..	9,781.15	17,237.00	6,224.50	1,656.90	34,899.55	94,644.94

REPORT OF THE EXECUTIVE OFFICE OF THE BOARD OF PUBLIC WORKS

To the Board of Public Works:

Gentlemen:

The following is the yearly report of the executive office:

Appropriation	\$ 6,335.00
Expended:	
Salaries	\$ 5,519.71
Supplies and Misc.	813.93
Total Expended	\$ 6,333.64
Balance Unexpended	\$ 1.36

The following table shows the expenditures made this past year in the major departments, the payroll of each, and the entire expenditures of the Department of Public Works.

Note: Highway includes all other departmental accounts not specifically mentioned below, such as Chap. 90, Betterments, Drainage, Snow and Ice, etc.

	B. P. W.	Water	Highway	Sewer	Park	Totals
Pay Roll	\$5,519.71	\$15,539.28	\$ 61,140.40	\$ 5,910.76	\$1,932.60	\$ 90,042.75
Bills	813.93	39,797.90	64,620.40	6,065.96	1,544.90	112,843.09
Totals	\$6,333.64	\$55,337.18	\$125,760.80	\$11,976.72	\$3,477.50	\$202,885.84

In closing this report, the Superintendent wishes to express his appreciation to the members of the Board for their many helpful suggestions and kindnesses extended to him during the year, and to assure all those in any way associated with him in carrying on the work of the Department of his gratitude for their interest and co-operation, and to acknowledge the assistance, co-operation and helpful suggestions which he has received from the other department heads of the town.

PHILIP WELCH, Superintendent.

BOARD OF PUBLIC WELFARE

The report of Superintendent of Welfare Harnden should be read for a complete statement of the welfare situation in Reading and the Town Accountant's report gives the detail of expenditures. This report made for the Board by its Chairman is intended to consider only the broader aspects of the relief situation in the town.

The amount expended for relief is the major consideration of everyone. It is a source of anxiety to all citizens in these days of increasing taxes. Conditions over which we have little control are responsible for many of these large expenditures, and it appears probable that the town must face large appropriations for some years to come.

Citizens are undoubtedly informed on the reasons for this but it seems advisable to be somewhat specific in outlining these causes at this time.

In an effort to improve conditions the government has sponsored various projects and passed new laws which directly affect the welfare situation in Reading. This legislation is of a permanent nature and its continuance means appropriations by towns and cities permanently. We shall be simply fooling ourselves, therefore, if we think that in a few years we shall be back where we were when welfare was handled as a side issue by the Board of Selectmen acting as Overseers of the Poor. To properly administer relief under present mandatory laws requires and will require an organization regularly employed for the purpose which must of necessity be efficient if this important work is to be properly done. This organization must work under the supervision of your Board of Welfare and Bureau of Old Age Assistance.

Old Age Assistance is now administered under laws of the Commonwealth passed in conformity with Federal statutes. Under these laws towns are largely reimbursed by the state and government for amounts spent. In seeking appropriations for the purpose, however, the amount paid back by the state cannot be taken into consideration by the Bureau of Old Age Assistance. It goes directly to the Town Treasurer and is not available for further expenditures for Old Age Assistance specifically. Thus the amount asked for is large and it must be so if the laws are lived up to. Every application is passed upon by the Bureau and every effort is made to keep expenditures as low as possible consistent with legal requirements and actual need. Mr. Harnden's report indicates that the tendency in legislation is wholly toward increasing this form of assistance and it should not be forgotten that, in spite of state and governmental reimbursement the town's portion is constantly creeping up.

A similar situation exists in Aid for Dependent Children. New legislation has resulted in increased costs which will continue. This is a particularly necessary form of relief and no one can doubt that it must be continued.

The value of W. P. A. projects in decreasing welfare costs in 1938 was very evident. There are many more men and women thus employed as this is written than there were in the early part of 1938. Continuance at the present load means less general aid expenditures in 1939 in all probability. There is much agitation for decreasing the costs of W. P. A. in governmental circles and no one can foresee just how long it will be effective. Those of us who have had the duties of handling welfare monies realize all too well how quickly the welfare load increases when W. P. A. activities are curtailed. There seems to be no alternative in most cases since there are no industries here to employ those who may be dropped. A boom in business of such magnitude that it will attract men to jobs in other cities and towns seems the only possible remedy and just at present that seems remote. Therefore, unless W. P. A. continues to use large numbers of men and women, relief costs will be large. It is unnecessary to more than mention here that in the minds of many people W. P. A. employment has not tended to awake the ambitions of many of those whom it employs, to any serious extent.

The Board of Welfare probably is subject to more criticisms than any other town department. The members have consistently followed up reports of unwise expenditures and they are very grateful to those citizens who have assisted in helping to save money for the town. Anonymous letters are not disregarded. Their contents are also studied and every effort is made to correct any situations that need correction. If the writer of an anonymous letter is misinformed, however, the board has no method of advising him of his error. A very large amount of criticism results from misinformation and citizens should be sure of their facts before reporting.

As Mr. Harnden reports there have been a very large number of decisions to make during the year. About 99% of them have been unanimous and differences of opinion have been negligible and unimportant. Every member has given many hours of time in endeavoring to save the taxpayers' money and to be just in extending relief. The responsibility imposed upon the board is very great in these troublesome times and no one is more aware of this than the writer whose term ends at the annual meeting in 1939. He bespeaks for the board your co-operation in its very sincere efforts to properly care for those in distress at the lowest possible cost to the town.

Respectfully submitted,

EDWARD F. PARKER, Chairman.

REPORT OF THE WELFARE SUPERINTENDENT

To the Board of Public Welfare:

Out of the great mass of detail that flows through this department each year, in order to select some of the more interesting items which would properly seem to have a place in an annual report we have made it a custom to go over the records of all the meetings held by the board during the year.

In making this resume for the year 1938 it is to be noted that the board has taken up 832 matters applying to individual welfare cases, and 436 additional instances involving Old Age Assistance. This means that 1268 times the board has been confronted with some problem directly concerned with human living and has been called upon to determine the course of action best justified by the conditions presented. In addition, matters of general policy constantly arise for discussion, often in the light of new circumstances, and these also require disposition as the best judgment of the board may direct. To the many persons not familiar with the processes of present-day administration of public relief, comprehensive to a degree, and interwoven as it is in these times with the efforts of the Federal Government, the Commonwealth, and with many other cities and towns in the state, this detailed attention required of the welfare board might well appear as the item of greatest interest in this report. Certain it is that this arduous task has heretofore seemingly been taken pretty much for granted and it seems only reasonable that it be mentioned in a report of this nature.

General Aid

From our local viewpoint it does not appear that the year 1938 has shown any improvement in the economic situation over the previous several years. There has been no sustained rise in the demand for labor to take men off the relief rolls and place them in self-supporting jobs. Against the odds of these conditions, however, the welfare department has, by concentration on individual cases, been able to effect a decrease of something like 10% in expenditures for General Aid as compared with the year previous. Figures might be given to show that the actual expenditure for General Aid in 1938, when compared with the 1937 expenditure (which includes obligations carried over and paid after the March town meeting in 1938), showed a reduction of some \$17,000.00, and this statement would be true so far as welfare records are concerned. It should be noted, however, that about \$11,000.00 of this reduction may be directly attributed to the Special Labor appropriation of \$13,000.00 which was voted in March, 1938, and which went into operation in April. This program took men off the welfare and

Soldier's Relief lists, practically to the full extent of what they received as wages for this specially planned work under the direction of the Board of Public Works, to whom the \$13,000.00 appropriation was given. Much of this work actually raised the value of public property. Such operations as paving gutters, easing curves and installing curbing at points of intersection dangerous to traffic, setting stones for town bounds, erecting signs, installing new drains and certain sewer construction work, improvement of sidewalks, permanent surfacing on High street, piping ditches, erecting fences, and the complete installation of a wading pool at Birch Meadow Park, are of enduring value.

This good result was made possible because, although the labor assignment was from men on the welfare lists, the work part of the plan was brought under a department already having the equipment for it and having also the technical knowledge and facilities for planning and executing the several betterments accomplished. The effect on the morale of the men assigned to this work was beneficial beyond any question. It was obvious, from their attitude and behavior, that they were conscious of the effort to combine assistance to them with an opportunity to maintain a greater measure of self-respect. Some welfare labor could not be assigned to this program. The appropriation was not sufficient to last throughout the year and some men had no capabilities for the work planned. The scheme was an undoubted success, however, and its continuance in 1939 should be strongly recommended.

It is, of course, the policy to require work in return for relief furnished, in all cases where any member of the family is physically able to perform labor. We have less difficulty in this matter than is popularly supposed. Most men are willing to do anything within their capabilities to make some repayment in labor for assistance given to them and their families. A certain few we always have who, if by some improbable circumstance they should become possessed of a government bond, seemingly would have great travail in bringing themselves to the task of cutting off the interest coupon, but the great majority deliver what they can. From this "welfare work list" help was given in 41 instances where welfare families were obliged to move from one tenement to another, 246 cords of wood were felled, cut, and delivered to needy families and more than 100 cords additional, cut by the W.P.A. project was delivered by the welfare truck. The welfare sedan, a vehicle now ten years old, made 104 trips to various hospitals, in the majority of instances taking recipients for clinical or out-patient treatment, the driving being done by someone on the welfare work list, which usually contains the names of several better-than-average operators. Under a little one-man welfare project 279 pairs of shoes were repaired for persons in welfare families. The man best qualified for

this work obtained outside employment in May and, as some signs appeared that the recipients were "riding" this shoe repairing somewhat, the project has been discontinued during recent months. A renewal of this shoe repair idea might be worth considering.

The distribution of Federal Surplus Commodities is carried on for the benefit of all needy persons, whether they are on welfare, Dependent Children, Old Age, Soldier's Relief, W. P. A., or certified as needy by some recognized charitable organization. The value of these commodities furnished in 1938 is set by the government at \$27,000.00. For the most part distribution is made from the local depot at the Town Farm Building, by an administrative staff of three persons coming under a state W. P. A. project. All the trucking expense, however, has to be taken care of from the General Aid appropriation, as there is no other provision for it. Our truck used 1,500 man-hours of welfare labor and 430 truck-hours for this work in 1938, with the attendant expense for gasoline, oil, upkeep, etc.

In addition we have been required to furnish well-made lockable transfer chests for clothing, a large bin for butter which had to be iced in the warm weather, and we have contributed substantially toward a federal assessment for administration, weighing and packing charges on butter, treatment and bottling of the federal milk, and other items. Under the existing arrangement all the trucking, and a major part of the other expense connected with Federal Commodity distribution, falls on welfare "General Aid." A more equitable partition of this cost, so that non-welfare agencies which share in the benefits would participate in fairer proportion towards the expense, might justify some thought.

As in previous years, the classification of expenditures for all welfare divisions has been furnished to the Town Accountant and appears as a part of his report. It will be observed from this classification that medical expense for General Aid cases is some ten per cent of the whole General Aid expense, the largest portion being for hospital charges, next in order being doctor's fees, medicine, dental work, visiting nurse, and a small amount for optical treatment. This compares favorably with similar towns having no hospital or infirmary but it is, nevertheless, a large item, nearly \$5,700.00 in Reading. It does not seem that this report, written by a layman, should carry any definite suggestion in this matter but, with the present interest in socialized medicine, it is certain that the matter of medical assistance for persons receiving public relief will receive intelligent attention from persons qualified to discuss it.

General Aid—that division which most of us think of as "welfare"—comprises considerably less than half the picture of welfare department

activities so far as financial outgo is concerned. It is relatively costly, however, as reflected in town taxes because, while the state reimburses in cases having no legal settlement, the federal government makes no contribution except indirectly through distribution of excess commodities. From several years close contact with this vexatious situation one's opinion is the more strongly confirmed that the only release from it is employment as we in former years knew employment. It is not encouraging to see a man who happens to be on relief clubbing away at some task for which he is not in the least fitted when that same man, provided with steady work in his usual occupation or something reasonably allied to it, could be drawing his own wages from sources of private initiative, running his own family affairs, accomplishing some measure of the joy of achievement, and working himself out of a mental attitude toward this "relief" business which is seizing on the minds of altogether too many men whose fundamental make-up is good stuff. Some local employers have shown indications of more thoughtful attention to this idea of giving a person on relief a chance for employment when opportunity has offered during the past year and it is to be hoped that this interest may show increasing development for the benefit of everybody concerned.

Our General Aid case load for the year showed very slight variation from the year previous, some 280 cases, representing nearly a thousand persons. Some saving is shown because in 1938 there were more instances where full aid was not needed or where assistance did not have to be furnished over long unbroken periods. The conditions in our town tend to keep this case load static. Reading is largely residential and has not nearly enough local industry to absorb the labor of its working people. Any sizable industrial plant, able to employ men and women in numbers worth considering, which shows interest in locating in Reading should be given all advantages possible and encouraged in every way. Our Planning Board has well matured plans and safeguards already in hand so that no citizen need fear that the installation of new factories, mills, or any industrial activity, would be detrimental to general property values. On the other hand, any new local market for labor is sure to work an economic benefit.

Aid to Dependent Children

The provisions for financing Aid to Dependent Children are not too clearly understood by the public generally and this is not strange because the proportions borne by the federal government and the state do not necessarily have a direct relation to the total expenditure in any particular case. Under the liberalized laws which have been effective now for two years, a family where the chief earner, ordinarily

the father, has been lost by death or desertion or has been physically incapacitated with prospect of inability to support his family for an extended period, Aid to Dependent Children may be given if there is a competent mother, or some relative capable of managing affairs who will make a home for the children, provided there is a child, or children, under 16 years of age. The state will reimburse the town for one-third of the amount expended for the general support of the family, but will not reimburse for items furnished for the particular benefit of any member of the family over 15 or for an incapacitated father. Such personal items would be for the most part medical assistance and clothing. The federal reimbursement, which may be used only for Aid to Dependent Children, amounts to \$6.00 a month for the first child under 16 and \$4.00 a month for each additional child under 16. The rest of the financial burden must be carried by the town assisting, regardless of whether the family has a legal settlement or not. There is at present an effort being made to legislate the settlement feature into the existing laws so that towns would bear this expense only in their own settled cases. In actual experience the federal money amounts to about 17½ per cent of the total and the state payment, which goes into the town's General Receipts, to slightly less than one-third of the total expenditure.

The law provides that all assistance under this category must be given in the form of cash. In each case a family budget is made up, on fundamentals approved by the state department, and this amount necessary for the subsistence of the family is issued in semi-monthly allotments to the mother or the person standing in her place. Quarterly visits to every family by the local visitor are required by the state and a written quarterly report of each case must be made to the state department. Where special family requirements arise, beyond the regular budget, such as medical or hospital attention or additional fuel for severe weather, a special allowance of cash is arranged for so that the person in charge of the dependent children will be enabled to pay the bill. To make sure that these special allowances are properly used it seems incumbent on this department to follow each such transaction through to the end and this is done one hundred per cent.

December 31, 1938, there were 26 Aid to Dependent cases on our list, with 68 children under 16 and a total of 121 persons being assisted. The number of cases increased 15% over 1937 and the best information we can get, from those best qualified by state-wide observation to know, indicates that this percentage of increase will continue through 1939.

A comprehensive monthly report is required by the State Statistical Division from every municipality granting Aid to Dependent Children. This report itself is not an especially burdensome affair to local de-

partments after the technique becomes familiar, but the detailed records which must be kept in order to formulate the report require a considerable amount of administrative time and attention. As these monthly reports are the basis on which federal reimbursements are paid to us—something around \$350.00 a month—this matter very naturally is in no way neglected. There is a possibility that we may, some time in the future, receive some federal grant on account of administrative expense in Aid to Dependent Children although so far nothing has been received on this account. In asking for 1939 appropriations the state department has advised us that it will be necessary to include an item of appropriation for administrative expense in Aid to Dependent Children. This will not increase our total administrative cost as the amount asked for on this account will reduce the General Aid administrative by a like amount.

Old Age Assistance

Since its origin in 1931 the whole matter of assistance to aged persons has been governed by a policy of wide expansion, to a degree unparalleled by any similar public activity. A graphic chart showing the build-up of cases during the past five or six years looks very much like the picture of one side of a church steeple. The drop in the age limit to 65, the reduction of the required Massachusetts residence to five years out of the last nine, extensions in allowable real estate equity and increases in insurance policy limits, and the combination of a lessened ability in children to assist in supporting their aged parents and a far more serious and increasing disinclination on the part of the children to do so, have operated as a group of factors which has brought us to the point where expenditures for Old Age Assistance exceed the combined expenditures for General Aid and Aid to Dependent Children. If it were not for the federal government's contribution of some 45 per cent and the reimbursement made by the state for approximately two-thirds of the remainder the various municipalities in Massachusetts would be hard put to it to carry on the program. As it is, only a little more than one-sixth of the present cost is born by local real estate taxes and the distribution of nearly \$6,000.00 a month to Reading residents under Old Age Assistance must have some beneficial effect on the general business of the townspeople.

There are dozens of bills now before the Massachusetts Legislature on Old Age Assistance which demand still greater expansion in this field. Some of these bills have points of merit but very few, if any of them, contain a single suggestion as to how the revenue is to be provided for the increased expenditures they propose. Members of the

Reading board and the administrative personnel have felt it their duty to attend legislative committee hearings and join with representatives of other communities in protest against propositions impossible of execution under the present tax-paying ability of the general public. With so much agitation in the air, however, it is easily possible that radical changes may be introduced by federal enactment or by the state with regard to Old Age Assistance and it seems inevitable that such alterations will be toward enlarging the number of persons eligible and liberalization in other ways which would call for very substantial increases in expenditure. The fear expressed by many authorities who have made an intense survey of this question is that the whole program may get itself into a stampede and literally "expand itself to death," to the final serious detriment of the elderly people themselves; a most disastrous ending of the plan originated in 1931 to provide a humane and dignified assistance for the deserving aged citizen who stood in need of it.

This department had on its list a total of 244 Old Age Assistance cases during 1938, of which number 207 were remaining as active on December 31st. The total expended for assistance was \$67,706.70 which is offset by receipts from the federal grants of \$28,829.80, by state reimbursement \$23,000, and by an amount chargeable to other cities and towns of \$1500.00, making total receipts of \$53,300.00 and showing a net expense of \$14,400.00 as affecting the town tax levy. From these figures the effect on the local tax levy can readily be calculated as approximately \$60.00 yearly for assistance in each case. The age brackets, the length of time people stay on Old Age Assistance, and certain other factors of possible interest may be noted from the schedules appended to this section.

Most everyone seeking assistance under Old Age laws makes application for "the pension" and many are surprised that the question of need or the ability of children to support is a part of the law under which they ask assistance. As the only authority this department has for expenditure for Old Age Assistance is contained in the law (Chapter 118-A with Amendments) we have to obey all the regulations in the statute. The facilities of our office are available to assist any applicant in establishing his eligibility as to age, citizenship, and sufficient residence in Massachusetts. The need is determined by the bureau as soon as it has been furnished with the necessary information. The bureau has never failed to grant immediate assistance in any case where eligibility has been established and where, in the judgment of the bureau, there exists a need beyond the ability of children to support.

Old Age Assistance Case Load by Months—1938

176 active cases January 1, 1938.

Month	New Cases	Closed Cases	Reason for Closing			End of Month
			Death	Moved	Other	
January	13	6	2	4	0	183
February	4	3	2	1	0	184
March	3	5	2	1	2	182
April	6	0	0	0	0	188
May	7	3	1	2	0	192
June	4	4	1	2	0	192
July	2	4	2	2	0	190
August	6	3	1	1	1	193
September	9	3	3	0	0	199
October	7	2	2	0	0	204
November	4	3	1	2	0	205
December	3	1	1	0	0	207
	—	—	—	—	—	
	68	37	18	15	4	

Old Age Assistance

Number assisted during the year:

Native-born	178
Naturalized	66
	<u>244</u>

Age Brackets—Existing Cases as of 1938

	Men	Women
65 to 69	27	43
70 to 74	36	40
75 to 79	28	28
80 to 84	11	17
Over 84	7	7
	<u>109</u>	<u>135</u>

Old Age Assistance—Reading

Years	No. of Applications Accepted	No. Remaining Active Cases Dec. 31, 1938
1931	39	12
1932	18	3
1933	8	5
1934	19	7
1935	30	12
1936	81	53
1937	68	52
1938	67	63
	<u>330</u>	<u>207</u>

During the past year the members of the board have given generously of their time and attention to all the matters of this department. They have been interested enough to attend conferences, legislative hearings, and the many general meetings of large attendance conducted by the Massachusetts Association of Relief Officers, to which all three members belong. In many instances they have been put to private expense to give these matters attention. The relief problem is a tremendous affair and the board has been quick to realize it and to undertake the study of the many obstacles which stand in the way of its solution. The administrative staff has given its customary willing and intelligent efforts without stint. Other town departments have cooperated to all possible extent, the Public Works Department being particularly helpful where the use of labor was concerned.

From the nature of the work carried on by this department it is impossible to satisfy both sides, the taxpayer and the person who is in need of relief. In a mental review of the year, with its numberless individual activities, long hours of hard work, emergencies which must be met at once, grief of such a nature that this department can offer nothing, and the occasional victory over adverse circumstances, I have the conviction that the work of the department has been good; that the best that could be done for everybody concerned has been accomplished.

Respectfully submitted,

EDWARD E. HARNDEN,

Superintendent of Public Welfare and

Director of Old Age Assistance.

REPORT OF W. P. A.

February 15, 1939.

To the Honorable Board of Selectmen,
Reading, Massachusetts.
Gentlemen:

I herewith submit the annual report of your Sponsor's Agent covering twenty-three Federal projects in operation during the year 1938. The W. P. A. personnel was increased during the past year seventy to three hundred. This increase of 429% has made it necessary to enlarge our project program considerably. I have endeavored to have projects in operation that have a distinct value to the town; projects that would of necessity have to be done by some other town department, although perhaps in not so large a scale.

The 300 persons now on the W. P. A. rolls receive in wages \$218,000.00 in the course of a year. This means that we must have projects containing that amount of Federal money approved yearly. These projects must also contain a town contribution of at least 15% of the Federal allotment for materials and equipment. If this allotment is not made, the project is not approved.

Every worker on the W. P. A. rolls is a certified relief case, representing 4.3 dependents. This means that 1290 individuals in the town are dependent on W. P. A. for their livelihood.

The cost to the town for materials, equipment and administration per dependent person for the past year was \$31.83 or .08½ cents per day. An itemized account of expenditures of funds appropriated for W. P. A. materials will be found in another part of the Town Report.

Federal Funds Expended For Emergency Relief During 1938

W. P. A. Program Earnings only through Dec., 1938.....	\$157,940.63
Value of Surplus Food Commodities Distributed.....	15,187.21
Value of Surplus Clothing Distributed	11,935.00
Total	\$185,062.84

Moth Project

This project, sponsored by the Board of Selectmen, resulted in the spraying of trees along the highways, and the creosoting of nests of gypsy and browntail moths, tent caterpillars and associated insect pests over approximately 1,000 acres of woodland.

Tree Trimming Project

Under this project, sponsored by the Board of Selectmen, trees along 39 miles of the town's highways were trimmed and cleared of dead branches.

Police Department Records Project

The Police Department records project was sponsored by the Board of Selectmen.

Having given the Department a modern up-to-date Police Station and two-way radio equipment it seemed necessary to arrange the records of the Department so that each record might be quickly and easily available, not only for the use of our Police Department but for the Police Departments of the various cities and towns as well as the State Department of Public Safety with whom it is necessary to co-operate at all times in order to obtain the best in Police protection.

In accomplishing this work we have to date corrected and brought up-to-date the following material:

1. Business and Professional Emergency Address List.....	424
2. Drivers' Accident Record Cards	3129
3. Master Arrest Cards	1873
4. Individual Arrest Cards	3680
5. Cards on miscellaneous complaints filed with the Dept....	1462
6. Warrants and Capias Record Cards	987
7. Summons and Subpoena Record Cards	1432
8. Day Book Records transcribed, filed and indexed (pages)	2400
9. Accident Reports transcribed and recorded	967

We wish to take this opportunity to thank Police Chief Jeremiah Cullinane, as well as the members of the entire Police force, for their wholehearted co-operation and assistance.

Municipal Buildings Repair Project

Under this project, sponsored by the Board of Selectmen, the interior of the following buildings were renovated.

Town Building
Public Library
Junior High School
Third floor Senior High School

Cemetery Records Project

This project, when completed, will enable the Board of Cemetery Trustees to have a complete record of every lot and grave in Laurel Hill Cemetery. A card file system of individual lots, showing the lot numbers, to whom deeded, present owner, area of lot, number of graves

and a plan drawn to scale showing location of burials, is being prepared. A cross index to the master file is also being compiled. As there are over 7,000 people buried in Laurel Hill Cemetery, the vast amount of work involved in this project can well be appreciated.

Storm Water Drains

The storm water drainage system in the town was increased by 5,072 feet on the streets listed below.

Pleasant Street—669.5 feet 12 inch concrete pipe, 4 catch basins, 3 manholes, 2 curb inlets.

Elliott Street—363 feet 24 inch concrete pipe, 221.5 feet 15 inch concrete pipe, 28 feet 12 inch concrete pipe, 2 catch basins, and 2 curb inlets.

Village Street—7.5 feet 18 inch concrete pipe, 32.7 feet 12 inch pipe, 1 catch basin, 1 manhole and 1 curb inlet.

Minot Street—25 feet 6 inch V. C. pipe and 1 catch basin.

Haven Street—438.3 12 inch concrete pipe, 7 catch basins and 5 manholes.

Center Avenue—493 feet 12 inch concrete pipe, 34 feet 8 inch V. C. pipe, 6 feet 6 inch V. C. pipe, 5 catch basins, 2 manholes and 4 curb inlets.

Parker Street—292.2 feet 12 inch concrete pipe, 51 feet 10 inch concrete pipe, 4 catch basins and 1 manhole.

Oak Street—690.8 feet 12 inch concrete pipe, 6 catch basins, 4 manholes and 6 curb inlets.

Green Street—1,008 feet 12 inch concrete pipe, 11 catch basins, 2 manholes and 10 curb inlets.

Pinevale Avenue—711.5 feet 12 inch concrete pipe, 8 catch basins, 5 manholes and 7 curb inlets.

Toy Repair Project

Under this project, started Nov. 21, 1938, old toys and children's furniture donated by the citizens of the town are repaired and painted. Over 500 toys were turned over to the Welfare Department for distribution at Christmas time. This project is continuing into 1939.

Housekeeping Aides Project

The Housekeeping Aides Project, sponsored by the Board of Selectmen, was started on February 14, 1938, and employs nine housekeeping aides, a clerk, and a project supervisor.

The purpose of this project is to furnish free home assistance in housework and care of children in the homes of the needy where the homemaker is totally or partially incapacitated because of ill health or confinement, or in case of some temporary emergency which makes this assistance necessary. These cases must be recommended in writ-

ing by any doctor, Visiting Nurse, Welfare office, Old Age Assistance office, Soldiers' Relief Agent or any recognized charitable organization.

During the time this project has been running, fifty-three families in Reading have received housekeeping service, thirteen cases being for confinements, and the balance for ill health, old age and motherless homes.

Street Survey Project

This project, continued through from 1937, has resulted in the survey of 14 miles of highways. No plans of these streets have heretofore been available.

Elevations for profile and cross sections were taken on 28 miles of streets. Plans of the above surveys were made by skilled draftsmen and are now on file in the office of the Board of Public Works.

This project when completed, will make available plans, profiles and cross sections of all streets in the town.

Town Forest Roadway Project

The Town Forest Roadways Project was started on August 8, 1938. Five thousand feet of cart roads have been widened to 20 feet, low places filled and knolls cut down. Retaining walls were constructed where necessary to hold fill and entire road area surfaced with gravel. On the completion of this project in the spring of 1939, the fire hazard to the 125,000 pine trees in the Forest will be lessened to a great degree as the fire apparatus will then be able to cover the entire area.

Reflooring of School Buildings

When completed this project, which was started on November 14, 1938, will result in the removal of all old flooring in the Senior High School and Chestnut Hill School and the relaying and treatment of new.

Demolition of John Street Barn

Under this project the building at the corner of John and Union Streets, formerly used as the Public Works Garage, has been taken down and material salvaged.

Public Buildings and Park Surveys

This project was started on November 27, 1938. The object of this project is to make surveys and plans of all town owned property, including floor plans of all buildings.

12 Inch Water Mains

This project was sponsored by the Board of Selectmen. 2,517 lin. ft. of 12 inch water mains were laid on Grove Street, starting at the corner of Franklin Street. When this project is completed, there will be two 12 inch lines to the new pumping station.

Local Compensation Division

The following report covers injuries sustained on W. P. A. projects during 1938.

1. Injuries of a minor nature not requiring the medical attention of a physician: 74 cases.

2. Injured and requiring medical attention of a physician, yet losing no time from work: 23 cases.

3. Injured and requiring medical attention of a physician, also losing time from work with compensation: total of 4 cases.

This makes a grand total of 101 accident cases in the Town of Reading for the year 1938.

The total amount paid to doctors in Reading for services rendered was \$185.50.

The total amount paid pharmacies in the Town of Reading for the year 1938 was \$3.40.

Shade Tree Repair Project

This project sponsored by the Board of Selectmen was started on October 24, 1938. Trees damaged by the hurricane are being repaired. This includes the cutting of dead branches, bracing limbs with rods and cables, painting and filling cavities where necessary to preserve the life of tree, and the removal of trees beyond preservation.

Vital Statistics Records

This project has been in operation since July 11, 1938. The specific purpose to be served by the project is, as the name indicates:

"The preparation of a new vital statistics record for the years 1644 to 1937. To be copied from book forms onto a card system. Old books are to be copied in their entirety, to enable preservation of old records which are fading and becoming torn through constant use. Completed records will be maintained currently after completion."

The project is well on the way to completion. Duplicate copies are made of the records in book form for filing both in the Clerk's office and Town Library, if desired. The card system is for the Clerk's office.

Forest Glen Cemetery

The development of Forest Glen Cemetery continued during 1938, work being started, after closing for the winter months, on March 14th. The first section of the cemetery, containing 554 four grave lots with an approximate value of \$114,000.00, was completed on October 14, 1938. 6,840 sq. yards of area was graded, loamed and seeded. 425 lin. ft. of 2 inch water main was laid and 5 hydrants set. The stone mortared wall on the western boundary was increased by 204 lin. ft. The new project which will eventually result in the completion of the en-

tire cemetery was started on October 17, 1938. This will necessitate the removal of 570 trees, the digging over to a depth of 6 feet, 4 acres of land, installation of adequate drainage and water mains, construction of roadways, grading and loaming of entire new area and construction of mortared stone wall on all property lines. This new area when completed will have approximately 800 four grave lots valued at \$200,000.00. The total valuation of the area developed under W. P. A. projects will be \$314,000.00. The total cost to the Town for materials and equipment since the development started in November, 1936, is \$14,206.40.

School Grounds Projects

Work on the school grounds was started in the spring of 1938 and continued until December, when project was suspended for the winter months.

At the Junior High School a new driveway 20 feet wide and 200 feet in length, surfaced with a permanent pea stone and asphalt material was constructed.

At the Highland School a complete system of drainage was installed covering the entire grounds area. This required the laying of 1,815 lineal feet of 5 inch vitrified clay pipe, 268 feet of 12 inch concrete pipe, and the construction of 28 catch basins and 8 manholes. All conductor pipes leading from the buildings were connected to the new system. A mortared stone retaining wall along the entire length of the southern boundary was constructed. The entrance on Deering Street was widened considerably and new concrete retaining walls constructed. The entire play area was regraded and surfaced with stone dust. A concrete curb, topped with brick was constructed along the sides of all walks, driveways and parking areas. Driveways, walks and parking areas were regraded and surfaced with a permanent pea stone and asphalt material. The grading, loaming and seeding of grass areas will be done in the spring.

At Chestnut Hill School, a drainage system was installed and the entire play area regraded and surfaced with stone dust. A mortared stone retaining wall was constructed on the west boundary and a chain link fence erected.

Hurricane

On September 22nd, the day following the hurricane, permission was immediately obtained from W. P. A. headquarters to use as many men as needed to clear the streets of the Town of fallen trees. Seventy men were put to work at once. Too much credit cannot be given these men for the manner in which they tackled the emergency. Crews were kept working day and night until all streets were passable and dangerously leaning trees removed. During the three days following

the hurricane, 92 telephone calls were received at the local W. P. A. office from citizens for aid, and each call was taken care of on the day received. Logs from the fallen trees were taken to the Town Farm where they were sawed and split for Welfare distribution. Two hundred and forty-two cords of wood were distributed to needy citizens.

Annual Report of W. P. A. Recreation, 1938

I herewith submit the annual report of the W. P. A. Recreation for the year 1938.

January, 1938, found the W. P. A. Recreation program organized and offering physical and cultural opportunities to both children and adults of Reading.

Adult Program

The Reading School Committee graciously gave the use of the Senior High School facilities to the recreation project. The physical activities offered were: basketball, gymnasium, and active games. Dramatics and navigation made up the cultural side of the program. These activities were carried on until April.

Basketball

A league of four teams was formed. Nine games were played with non-local teams.

Yearly participation 592

Gymnasium

This activity was carried on for the ladies. Natural, fundamental, and reducing exercises were held. A game period followed the gym class.

Yearly participation 536

Navigation

This "hobby" class was started during the fall and extended until April. The class started with compass work, finding the Error, Dead Reckoning problems, Mercator Sailings, Meridian altitudes of Sun and Stars, Ex-Meridian altitude of Sun and Stars, longitude by Sun and Stars, Marc St. Hillaire Method, Sumner line methods, and Amplitudes, and Azimuths were all worked out by the group.

Yearly participation 502

Dramatics

Dramata, the name selected by the adult drama club, met in the library and auditorium for rehearsals. Thirty-one public presentations

were given during the season with 4,763 in audience. Dramarta visited the Cambridge W. P. A. drama group, attended a performance of "Amphityron 38" at the Colonial Theatre, and gave a surprise birthday party for a club member. In the fall, meetings were resumed in Room 19 of the Town Building.

Yearly participation 1,491

Volley Ball

When the adult activities were resumed in October, it was decided to offer Volley Ball as a substitute for basketball. We felt that basketball was too strenuous for the majority. A league consisting of four teams was organized. The teams represent: Memorial Park, Birch Meadow, Highway, and the Independents.

Yearly participation 306

Community Baseball League

The annual season for the Community Baseball League was officially opened on May 9, 1938, with six teams. Community League teams represented Rubber Shop, Bear Hill Tigers, Mudville, Board of Trade, Firecracker Alley, and Whiskey Hollow. J. Warren Killam, Carl C. Goodridge, and Newell H. Morton, Selectmen, officiated at the flag raising. Chairman Killam pitched the first ball to Mr. Goodridge while Mr. Morton donned the catcher's outfit. Play in this league continued until mid September.

Yearly participation 2,825

Soft Ball

A call to form a Soft Ball League was issued in July, 1938. The response was quick and favorable. A six team league was organized with the N. B. A., Firemen, Post Office, Memorial Park, Indians, and Greenhouse Gang playing. This league played regular scheduled games until the last of September.

Yearly participation 1,503

Crafts

The lack of adequate room at the Reading Recreation Center made it practically impossible to interest the adults in Crafts. However, when the recreation project opened the Craft Room at 8 Woburn Street, the adults responded in a satisfactory manner. Classes were started in hand-hammered metal craft, wrought iron, leather tooling, synthetic resins, woodworking, furniture re-finishing, and cane seating.

Yearly participation 3,589

Game Room

The young adults were interested in ping pong and matches with teams from surrounding towns were arranged. Tourneys were played and champions crowned. Cribbage, checkers, and card games also became popular with this group.

Yearly participation 6,070

Children's Program

A well organized and popular program embracing both physical activities and crafts was carried on at the Reading Recreation Center until spring. When the weather permitted, the Barn at Memorial Park was reopened. Baseball practice was started at Washington Street Park and at Memorial Park.

The reopening of Memorial Park offered an opportunity for tennis, archery, paddle tennis, croquet, and other games. Crafts and dancing were carried on in the Barn.

Playground Season: June—September

The playground system consisted of Washington Street Park, Birch Meadow, Memorial Park, and the Junior High Field.

Washington Street Park

The lay-out of this park is such that only an athletic program can be successfully carried on. Here all Community Baseball League and Playground League games were played. The Community Baseball League is reported under Adult Program.

Junior Playground League

This league gave boys 15 and under an opportunity to play in an organized league. Four teams in this circuit represented the four playground areas: Mudville (Washington Street Park), Junior High, Birch Meadow, and Memorial Park. Twenty-four league games were played with 216 boys as regular members of the league. From these teams an All-Star team was picked to play out of town games. At the end of the ball season the annual Baseball Field Day was held at Washington Street Park. There were eight events with two age divisions. This Field Day will be covered under Special Events.

Yearly participation 4,493

Tennis

The courts were re-surfaced and play was not started until late in the season.

Yearly participation.....112 under 16—154 over 16

Birch Meadow

The new wading pool was a boon to the youngsters during the sultry days. Arrangements were made to keep the pool open on Sundays during the peak of the season.

Yearly participation 2,755

Tennis

This was the favorite sport of this area. The courts were seldom empty and were patronized by the adults as well as the children.

Yearly participation.....1,552 under 16—1,774 over 16

Soft Ball

The Recreation Soft Ball League is detailed under the Adult Program.

Playground Apparatus

The swings, see-saws, and merry-go-round were constantly in use throughout the summer.

Yearly participation 1,663

Junior High Field

An instructor was detailed for baseball practice each morning. An occasional Community League, or Soft Ball League game was played here when it was necessary to keep up the schedule.

Yearly participation 245

Memorial Park

Here is the ideal setting for recreation purposes. Tennis courts, a Field House, and space for outdoor activities lend themselves for the formation of a well balanced program. Creative, cultural, and physical activities were carried on in the Barn and on the grounds at Memorial Park.

Crafts

The upper floor of the Barn made an attractive and roomy craft shop. Here several crafts could be carried on at the same time. Leather tooling, woodwork, bead craft, and paper work were taught as well as sewing, knitting, and crocheting.

Yearly participation 2,698

Dancing

Folk dancing classes were held twice each week. Such dances as the Virginia Reel, polkas, waltzes, and national folk dances were taught.

Yearly participation 609

A Sport Dance was held early in the season and the response was so favorable that it was decided to hold one each week. It was un-

usual to sense the old atmosphere of the Barn and to see the ultra new dances like the Big Apple, the Shag, and the Yam being done.

Yearly participation 2,085

Games

Paddle tennis, ping pong, deck tennis, checkers, and cribbage were continued in the summer program because of the interest displayed in them. Croquet, singing games, and mass games were added to the usual playground games.

Yearly participation 4,961

Tennis

Teams were organized and several matches were played with our old rival, the Winchester Playgrounds. The Reading boys and girls showed themselves to good advantage both on the home courts and away. Tourneys were held and class instruction was given at regular scheduled periods.

Yearly participation 787 under 16—979 over 16

Archery

This sport grows in popularity each year. Competition is keen while the muscle exertion is small. Several shoots were held and a Junior Archery Club formed.

Yearly participation 378

Playground Apparatus

The swing yard appealed to youngsters of all ages. The children love to climb, to slide, swing, and teeter. All these are possible in the swing yard. An instructor was on duty at all times that the yard was open.

Yearly participation 3,913

Junior Drama

The boys and girls were rehearsed in skits, plays, and pantomimes and presented shows for their parents. Two special shows were held in July and August and will be reported under Special Events.

Yearly participation 476

Special Events

The first special event of the season was a Fourth of July Field Day, held under the sponsorship of the Board of Public Works at the Washington Street Park. Events were divided into Midget, Junior, and Senior events. James Putnam, Nelson Bates, John Cullinane, and Evelie Irving officiated.

A Pet Show came next on the special program. July 6th found the Barn and grounds at Memorial Park overrun with animals of all

sizes, colors, and shapes. There were dogs, cats, birds, rabbits, ducks, ducklings, kittens, and puppies. The spectators, animals, and owners all had an enjoyable afternoon.

The Junior Drama Club presented a Show on July 12th., in the Barn. Tableaux, sketches, dances, songs, and the Fun Club band were on the program. Mickey Mouse, Big Game Hunting, and Safety Pictures were shown.

Such exceptional work had been done in the craft groups that a Craft Exhibition was the next on the special program. The Barn was set up for a display room and all branches of crafts taught on the program were exhibited. Friends and parents visited during the afternoon and early evening.

Track and Field events then claimed the limelight. Dashes, jumps, stunts, and novelty races were the order of the day. Boys and girls from six to sixteen participated.

The entire week of August 22nd to 27th was proclaimed by the Selectmen as "Visit a Playground Week." The idea of this week was to focus the attention of the community on the work being carried on and accomplished by the W. P. A. recreation project. During this week the only extra program activity was an Amateur Show produced by the Junior Drama Club. More than 200 adults were in the audience and from their applause they certainly enjoyed themselves.

A gala Field Day was held on September 2, 1938, at Memorial Park. Prizes were donated by E. H. Emerson, Willis' Drug Store, Eugene's Shoe Store, Adams Co., Harris Gift Shop, Rockport Fish Market, Tots and Teens Shop, Quality Market, M. F. Charles, G. H. Atkinson Co., First National Stores, Syd's Auto Supply Co., and Francis Bros. At the completion of the Field Day, the annual playground contests and tournaments winners were awarded their prizes and trophies. The extra treat supplied by the Reading Rotary Club—free ice cream—climaxed a busy, happy day.

The final special event was a Demonstration and Play, presented in Shepardson Hall. The Junior Drama Club and Dramarta entertained. The boys and girls gave folk dance demonstrations and Safety Plays. A craft display was laid out in the lobby of the auditorium.

Yearly participation 10,968

Contests and Tournaments

The 1938 Champions:

Junior Ping Pong	Steve Doucette
Beginners' Tennis	Ernie Hubbard
Deck Tennis Singles	Steve Doucette
Checkers	Ernie Hubbard
Senior Ping Pong	Arthur Justice

Contests and Tourneys

Girls' Ping Pong
Croquet
Bowling

Marion Gray
Steve Doucette
Tom Thornton

Baseball Field Day Winners

E. Martin, R. Dill, A. Colford, J. Oliver, G. Fennelly, J. Hamilton,
F. Beaudoin, and N. Lloyd.

Playground Baseball League Winners

Fred Keefe, Herbert White, John Kelley, John Griffin, John Storti,
Thomas Hay, Alex Clapperton, Richard Hubbard, Joe Dunn, Ernie
Hubbard, and John Crooker.

Patrol Leaders

No playground is complete without its corps of young helpers. The following boys and girls served on the Playground Patrol: Ruth Barrett, Jim Doran, Donny Clapperton, Dick Treat, June Doran, Steve Doucette, Kathleen Griffin, and Ralph Nickerson.

Additional Personnel

The extensive program carried on throughout the summer season would not have been possible without the additional help of the staff supplied by the Board of Public Works and the Board of Selectmen. The additional personnel co-operated and worked hand in hand with the recreation staff. Many thanks to John Cullinane, Dick Haselton, Bob Lougee, John Creiger, and Isabelle McSheehy.

Co-operation

On behalf of the recreation staff, the program participants, and myself, I wish to express appreciation to the following: the Board of Selectmen, the Board of Public Works, Sponsor's Agent, local W. P. A. office staff, School Committee, Superintendent of Schools, Municipal Light Department, Town Accountant, and The Reading Chronicle.

This report is respectfully submitted,

EVELIE IRVING,
Supervisor, W. P. A. Recreation.

The co-operation which has been extended to the W. P. A. Department by all the Boards of the Town has been greatly appreciated. I wish to thank members of the Board of Selectmen for their helpful co-operation and advice.

Respectfully submitted,

ARTHUR MICHELINI,
Sponsor's Agent.

REPORT OF SOLDIERS' RELIEF AGENT

February 9, 1939.

To the Honorable Board of Selectmen,
Reading, Massachusetts.
Gentlemen:

Your Soldiers' Relief Agent respectfully submits his annual report. This department has aided as many as 26 families with a total of 108 persons, and 16 single cases, making a grand total of 124 persons; an average of 34 cases and 95 persons per month the entire year.

We have tried whenever possible to secure a return to the town in labor performed. Sickness and the advancing ages of relief recipients cause an increase in relief costs in general; judging from the past, the cost of relief should be expected to increase for the next few years until the peak is reached.

The continuance of W. P. A. has provided work for able-bodied veterans and the \$13,000 appropriated at the annual Town Meeting, provided for those unable to get on W. P. A. This has lightened the burden of the department considerably.

The mild weather of October,* November and December; the salvage and distribution of hurricane damaged wood, by the Welfare Department and the W. P. A. made our expenditures for fuel much less than it would have been ordinarily.

I wish to thank the Sponsor's Agent of the W. P. A. and the personnel of his office, the Welfare Department and the personnel in that department for their pleasant co-operation with me in the work of this department during the past year.

The Town Accountant and those in his office have been very helpful to me and I appreciate it deeply.

CHARLES W. H. SMITH,
Soldiers' Relief Agent.

REPORT OF THE TOWN COUNSEL

To the Honorable, the Law Committee of the Town of Reading:

My report as Town Counsel for the year ending December 31, 1938, is submitted herewith.

The salient municipal matters coming before me for consideration, action, opinion and advice will be more specifically referred to in detail in this report under the classification of the Boards or departments of the Town having direct supervision thereof.

I have drafted for the Board of Selectmen traffic rules and regulations, have secured the necessary approval of the State Department of Public Works, and have caused the same to become effective by publication as required by law. Fourteen release deeds have been prepared, transferring property sold by the Board, which parcels were acquired by the Town through tax lien foreclosure proceedings in the Land Court. Opinions have been rendered in connection with the duties of the Tree Warden, and upon the subject of compensation insurance for school teachers, clerical employees, etc., and several other opinions relating to municipal and departmental questions. The proceedings of the Board in connection with the removal or suspension of a policeman under the classified service law was prosecuted by me. The specifications and contract for the two-way radio in the police department were drafted and the applications for the temporary and permanent license were prepared and services were rendered in connection with the assignment of the radio frequency by the Federal Communication Commission for the operation of the station. At the request of the Board, certain amendments to the regulations for the inspection of wires were prepared and the same were enacted at Town Meeting assembled and duly approved by the Attorney General.

Orders for the restraining of dogs in the town were prepared and made effective. Complaints relating to the existence of certain nuisances in the town were brought at the request of the Board and prosecuted to a successful conclusion.

In connection with the activities of the Board of Public Works, the routine matters relating to the laying out of streets, orders of taking, easements for drainage and water mains, and waivers of claims for damages have required my attention and advice. Opinions were given the Board in the matter of priority of water liens, easement for drainage, sewer and betterment assessments, appropriation for road machinery, pensioning of laborers, and other public works matters. The taking of an easement for the purchase of sand and gravel was prepared, and titles of land were examined in connection with easements for drainage and rights of way through private property. An easement for right of way from the highway to the Washington Street Playground was drafted and made effective.

For the School Department, three complaints were made in the Woburn Court against habitual truants, and several opinions have been rendered relative to the activities of the department. The contracts for the transportation of school children and for the removal of ashes and rubbish were examined and approved. I assisted the School Committee in the matter of securing the approval of the U. S. Government to the P. W. A. grant for the construction of the elementary school house building. The necessary legal forms and documents were prepared and legal supervision over the advertisement and opening of bids and the awarding of the contract required my attention and advice. The contract documents including the specifications, plans, and contractor's bond were submitted to me for approval and consideration.

The Municipal Light Department has referred to me, during the year, several claims for collection and satisfactory settlements have been obtained thereon. Opinions have been rendered the department, relative to sale of electric appliances, compensation insurance covering the clerical employees and other matters relating to the affairs of the department. I have drafted, under instructions from the department, an easement running to the Town for the maintenance of poles and wires on and over private property.

Under the Old Age Assistance Law, mortgages and bonds given by recipients of old age assistance were prepared and recorded in the Registry of Deeds, after completing the necessary examination of the real estate titles. During the year, opinions were rendered upon welfare matters. Guardianship proceedings were brought in the Middlesex Probate Court for the purpose of seeking reimbursement by the Town of Welfare aid furnished, and I have considered and investigated certain other matters in which the Town was interested in establishing claim for reimbursement. The Cemetery Trustees have referred to me the matter of the damage to the stone wall on the westerly side of Main Street, which was occasioned by the change of grade and specific repairs made by the Commonwealth on the State highway. It is expected that the State will repair the damage by rebuilding the stone wall in the near future.

I have devoted considerable time to cases brought against the Assessors before the Appellate Tax Board in connection with the valuation of real estate. Twenty-seven appeals are now pending before said board. During the year, two cases were disposed of by hearing before the Board and six cases were satisfactorily adjusted by agreement of the parties. I have advised and assisted the Planning Board in matters relating to the proposed amendment to the Zoning By-Law and have rendered opinions and advice upon questions involving the Zoning and building laws of the Town.

Foreclosure proceedings covering twenty-one tax titles were commenced in the Land Court and fifteen cases have been disposed of by decrees issued by the Court foreclosing all rights of redemption and establishing the title of said parcels to be absolute in the Town. Notices were sent to all owners and mortgagees of unredeemed properties taken by the Town for the non-payment of taxes for the year 1935 and as a result thereof the owners or mortgagees of many of such estates have paid in full the tax title account and effected redemption according to law. This method produced the collection of overdue taxes amounting to approximately \$13,571.06 and saved the expense of foreclosure proceedings in the Land Court.

Two suits have been brought against the Town during the year. One for alleged damages sustained as a result of an accident on the highway and the other by the City of Boston for reimbursement of welfare aid furnished individuals having legal settlement in Reading. Two suits pending in the Courts have been disposed of, one by compromise under authority of the Committee and by vote of the Town and in the other case, judgment was entered for the Town upon the decision of the Court in sustaining the demurrer filed and argued by me. During the year, seven claims were made against the Town as a result of alleged accidents on the highways. Three of these claims have been adjusted by compromise under instructions from the Committee. The other four claims are pending and have not been made the subject of suit. There are still pending in the Courts, against the Town, eight suits which will be disposed of as soon as they are reached upon the Court Docket.

I have, in the performance of the duties of my office, attended hearings of the Town Boards, drafted all contracts, bonds, deeds and other legal instruments and have performed every professional act required of me in the execution of the duties of my office.

Respectfully submitted,

SAMUEL H. DAVIS,
Town Counsel.

REPORT OF CHIEF OF POLICE

To the Honorable Board of Selectmen,
Reading, Massachusetts.
Gentlemen:

I hereby submit the annual report of the Police Department of Town of Reading for the year ending December 31, 1938.

Arrests for the year 1938—199.

Males 192, females 7; residents 139; non-residents 60; adults 184; minors 15; American born 176; foreign 23.

Causes of Arrests

Drunkenness, 105; Illegal entry into the United States, 1. Operating under the influence of liquor, 8; Operating so as to endanger, 7; Operating after revocation of license, 2; Operating unregistered automobile, 1; Operating uninsured automobile, 1; Leaving scene of accident without making self known, 4; Other auto violations, 17; Warrants for out of town officers, 6; Violation of health laws, 1; Habitual truant, 5; Non-support, 8; Non-payment of wages, 2; Larceny, 7; Misappropriation of auto, 3; Breaking and entering daytime, 1; Breaking and entering night time, 1; Assault and battery, 6; Operating a Lottery, 1; Insane persons, 2; Capias served for out-of-town officers, 1; Receiving stolen property, 4; For having burglar tools, 1; Indecent exposure, 1; Railor and brawler, 1; Violation of parole, 1; Runaway, 1.

Disposition of Cases in Court

Fined, 29; Filed, 28; Released, 74; Suspended sentence, 8; Turned over to Federal Immigration Dept., 1; Probation, 2; Turned over to out-of-town officers, 8; Continued, 18; State Farm Bridgewater, 1; House of Correction, 7; Nol Pros., 2; Discharged, 14; Danvers State Hospital, 2; Capias issued, 1; Held for Grand Jury, 1; Dismissed for lack of prosecution, 1; Turned over to parents, 1.

Amount of Fines Imposed by Court

14 at \$5.00 each, \$70.00; 2 at \$10.00 each, \$20.00; 1 at \$20.00 each, \$20.00; 6 at \$25.00 each, \$150.00; 2 at \$35.00 each, \$70.00; 3 at \$50.00 each, \$150.00; 1 at \$100.00 each, \$100.00.

Miscellaneous

Cases investigated, 544; automobile accidents, 133; payrolls guarded, 52; put-ups, 96; buildings found open and secured, 185; dogs shot by officers, 6; horses shot by officers, 1; special messages delivered after hours, 60; children lost and found and turned over to parents, 28; windows found open and secured, 25; wires found and reported, 11; street lights out and reported, 53; old persons found straying pick-up and returned to their homes, 2; fires reported by officers, 4; defective streets and sidewalks, 16; summons delivered, 143; dead bodies cared for, 1; covered all fires; property reported stolen, \$5,148.99; property recovered, \$11,099.00; persons injured in accidents taken to doctors, 32; persons injured in accidents taken to hospital, 27; fatal accidents, 5; ambulance made the following runs to hospitals: Mass. General, 29; Mass. Memorial, 14; Choate Memorial, 36; Winchester, 74; Palmer Memorial, 2; Osteopathic Hospital, 3; Faulkner Hospital, 1; Children's Hospital, 1; Danvers State Hospital, 2; Melrose Hospital, 14; Carney Hospital, 11; Malden Hospital, 1; Chelsea Naval Hospital, 2; Soldiers Home, 2; Charlesgate Hospital, 1; Peter Bent Brigham, 1; St. Elizabeth's Hospital, 1; Benson Hospital, 2; State Hospital, Tewksbury, 2; Deaconess Hospital, 1; New England Sanatorium, 1; Saint John's Hospital, 3;

Private Hospitals: Reading, 8; Wakefield, 6; Malden, 1; Melrose, 1; Boston City Hospital, 1; Baker Memorial, 1; Brooks Hospital, 1; Danvers State Hospital to Choate Memorial, 1; Choate Memorial to Mass. General, 2; Total trips 226 covering 6,690 miles. We now have two cruising cars with two-way radio in each so that they are in constant contact with the station and can be sent to any part of the Town at a moments notice.

Both cars are in service between the hours of 8 A. M. and 6 P. M. One car goes into service from 6 P. M. until 3 A. M. and the other car goes on the road from 8 P. M. to 5 A. M. While cars are in service they receive from the radio operator at the station a list of stolen cars and any other information pertaining to them that is received on the teletype also any orders or instructions as are necessary. Each car can talk with the other.

Conclusion

At this time I wish to thank the Honorable Board of Selectmen, the Judges of our District Court, the Clerks of our Court, our local Press, and all others who assisted in promoting the welfare of this department, also the members of this department for what they have done.

Respectfully submitted,

JEREMIAH CULLINANE,

Chief of Police

REPORT OF THE CHIEF OF THE FIRE DEPARTMENT

To the Honorable Board of Selectmen,
Gentlemen:

The 1938 report of the Chief of the Fire Department is herewith submitted.

Manual Force

The manual force of the department consists of 9 permanent men, including the Chief, and 23 call men.

Apparatus

At the Central Fire Station are located a 1937 Packard sedan Chief's Car; Engine 1, a 1,000 gallon per minute Seagrave pumping engine with a 100 gallon booster tank, purchased in 1934; Engine 3, a 600 gallon per minute Seagrave pumping engine with a 85 gallon booster tank, purchased in 1929; Engine 4, a 1932 Chevrolet 1½ ton truck used for forest fires, which carries a 100 gallon per minute portable pump, a 65 gallon booster tank and 3,000 feet of 1½ inch hose; Ladder 1, a Robinson ladder truck purchased in 1916. This is powered with a White motor taken from a 1913 or 1914 coupe. It was necessary to make expensive repairs this year and this piece of apparatus should be replaced at once as it has outlived its usefulness.

Engine 2, a 400 gallon per minute Seagrave pumping engine with a 65 gallon booster tank is located in the Woburn street station.

MEMORIAM

LIEUTENANT FRANK L. McKENNEY

Call Man December 26, 1916

Permanent Man January 1, 1921

Lieutenant October 9, 1936

Died June 2, 1938

Changes During Year

Charles H. Heselton was promoted to Lieutenant to fill the position made vacant by the death of Lieutenant Frank L. McKenney. Lewis C. Holden has been appointed a permanent man and George Zanni a call man.

Instruction

Regular department drills were held during the summer under Deputy Chief John J. O'Brien. Four men have completed the course at the fire school in Arlington.

Inspections and Permits

Permits have been issued for the storage of 22,715 gallons of fuel oil in connection with 72 power burners and 53 range burners. There are now recorded a total of 2527 oil burners of which 1,491 are range burners and 1,036 are power burners. 6 permits for the sale of fireworks and one for a public exhibition were issued. 7 Alcohol permits were issued. Business and manufacturing establishments, schools and public buildings have been inspected.

Hurricane Duty

During the hurricane of September 21st the department was called upon to remove signs, board up windows, inspect damaged chimneys, patch roofs etc. All permanent and call men were on duty during the night of the 21st and men were kept at the Engine 2 station until the fire alarm system was restored. The 23rd a call for assistance was received from Andover, due to the floods, and Engine 3 responded. The

24th a call from North Andover was answered by the Button steam fire engine which pumped cellars for 12 hours.

Lighting Equipment

During the hurricane the need of a portable generating and flood lighting equipment was demonstrated when the power for the Police radio and the Fire Alarm battery was interrupted. Through the generosity of a public spirited citizen the department now has the use of a 1000 watt, alternating current generator which will supply one 500 watt and two 250 watt flood lights. This will be a great aid to fighting night fires.

Service Record

The department has responded to 346 calls of which 19 were false. There were 66 bell and 280 still alarms.

Value of property endangered by fire	\$153,835.00
Insurance on same	132,985.00
Loss	6,046.00
Insurance paid	4,330.71
Uninsured loss	1,715.29
Miles apparatus traveled	8,579.7
Feet of hose laid, 2½ inch	10,100
1½ inch	15,000
1 inch	2,950
¾ inch	3,000
Feet of ladder raised	730
Booster tanks used	56
3 gallon soda and acid extinguishers	19
1 quart carbon-tetrachloride extinguishers	2
Carbon-dioxide extinguishers	9
Hours engines pumped	161
Calls for inhalator	5
Salvage covers spread	9
Water removed from flooded cellars	64

Recommendations

I recommend the replacement of Ladder one this year as this important piece of apparatus is not dependable after over 22 years of service. It has been necessary to replace two of the ladders and make repairs to the brakes. The transmission has locked two times, causing the truck to be stalled until it could be released.

The hurricane demonstrated the need of radio equipment in the chief's car to allow connection with the central station, also the need of an increase in the permanent force by the addition of two men at the Engine 2 station on Woburn Street.

Conclusion

In conclusion I wish to thank the Honorable Board for its co-operation, the members of the department for the faithful performance

of their duty, especially during the hurricane. Also to other town departments, citizens and to the employees of the telephone company for their valuable aid in the reception of alarms by telephone.

Respectfully submitted,

HUGH L. EAMES
Chief of the Fire Department

REPORT OF THE SUPERINTENDENT OF FIRE ALARM

To the Honorable Board of Selectmen:

Gentlemen:

I herewith submit my report for the year of 1938.

Six street boxes were added to the system the past year.

Underground cables have been installed on Main street from Washington street to south of the railroad crossing; on High street from Haven to Woburn street and on Woburn street from High to Washington.

The hurricane caused great damage to the system and all boxes were out of commission for a few days.

I recommend that the underground cables be extended on Woburn street from Washington street to Summer avenue. That the present switch boards be replaced by one in the fireproof vault with the repeater. This would allow all of the boxes connected to the underground cable to be placed on two circuits. There is great need of more street boxes to provide protection to much property a great distance from a box.

I wish to thank the honorable board for their co-operation and all who have assisted this department.

Respectfully submitted,

HUGH L. EAMES,
Superintendent of Fire Alarm.

REPORT OF THE FOREST FIRE WARDEN

To the Honorable Board of Selectmen,

Gentlemen:

The annual report of the Forest Fire Warden is herewith submitted.

The department has responded to 129 grass and brush fires which is 27 less than last year. Most of these were of careless or malicious origin.

Due to the conditions in our woodlands, as a result of the hurricane, it is expected that a serious fire hazard will exist next spring.

Respectfully submitted,

HUGH L. EAMES,
Forest Fire Warden

ANNUAL REPORT OF THE BOARD OF LIBRARY TRUSTEES

"The year 1938 was the busiest the library has had," runs the final report of Miss Bertha L. Brown, as she concludes thirty-five years' service in the library.

The most important fact the trustees have to report about the library is the great increase in its use during the last ten years which has far outstripped the increase in financial support provided. The volume of business of the library has nearly doubled in the decade. The appropriations have increased only ten per cent.

This very wide discrepancy between service expected and support given spells the major present problem of the library. The disproportion between the use of the library and funds for its use has widened each year. By 1938 it had made itself felt in excessive replacement needs due to wear and tear on books and in suddenly realized deficiency of equipment.

The inevitability of this situation is dramatically indicated by these essential figures for the ten-year period.

Year	Circulation	Hours of Service	Total Appro.	Salaries	Maintenance
1929	55,000	32	\$7,396	\$4,500	\$3,000
1930	61,000	34	7,786	4,800	3,200
1931	70,000	35	7,920	5,000	3,200
1932	82,000	35	7,728	4,900	3,100
1933	88,000	35	7,293	4,600	2,800
1934	87,000	35	7,800	5,000	2,800
1935	82,000	37	7,600	5,000	2,800
1936	91,000	37	7,600	4,800	2,800
1937	93,000	37	8,120	5,120	3,000
1938	98,000	41	8,195	5,195	3,000
Ten Year					
Increase ...	80%	28%	10%	15%	None

Unfortunately, 1939 is a year of such tax pressure that the library cannot obtain a sufficient increase in the rate of appropriation to redress the unbalance between services used and funds provided. It has become evident to the trustees that the kind and amount of library service expected in a town like Reading, with a population that now exceeds ten thousand, cannot adequately be provided for less than a \$10,000 appropriation. The 1939 appropriation still falls more than \$1,000 short of that figure. Sound trusteeship will require the trustees in subsequent years to emphasize the insistent need of a budget of at least \$10,000 if standard library service is to be rendered.

The hours of service have been gradually increased in direct response to the increased use of the library and the increased demands

upon it. In 1939 the trustees had hoped to complete a program followed for several years toward an objective of uninterrupted operation through afternoon and evening hours. This objective must be deferred another year for lack of funds. The library is now open from 2 to 6 and 7 to 9 daily and from 10 to 12 on Monday and Saturday mornings. To keep open during the supper hour would be a public convenience at relatively slight additional cost of service. But there have been several extensions of hours without corresponding additions to the salary level. The trustees feel that a further extension of hours must be accompanied by a corresponding increase in the rate of pay of the permanent staff.

Reasons for the sharp rise in the use of the library in recent years are not hard to find. The population growth is the smallest part of it. The period has been characterized by rapid and violent change in every aspect of society throughout the world. This has brought a sharper awareness of public affairs and of all current issues. The output of books upon the new conditions insistently pressing upon public attention has kept par with the rapid rate of change and has found a keen response in the reading habits of the public. People read more and on more topics as they become newly conscious of their relation to government, to foreign affairs, to economic conditions, and to the widespread discussion of new ideas concerning all these relationships.

A very large part of the increased use of the library traces to the modern habit of teaching school children to go to sources and make their own investigations as an essential part of the business of learning. This brings the children into the library in large numbers, calls for a quite specialized educational and reference service by the librarians, greatly increases the occupancy of the small space in the library and occasions a considerable problem to maintain that degree of order and quiet essential to the use of a library.

The library welcomes this increased opportunity to serve educational needs. But it must deal also with the problem of orderly use of the library as a place for study. It is difficult to separate the school children who come to study from others who come only for lack of some other social center. For the sake of all library users, it is necessary that the trustees prevent the use of the library as a mere convenient corner hangout for young people with no place else to go.

This difficulty became so acute by the end of the year that the trustees felt obliged to divert some funds even from their small budget, for a monitor to keep order. Experience shows occasional need for qualities not usually possessed by women librarians or girl helpers. The monitor needs to be big enough to eject any unruly juvenile who mistakes the library for a pool room.

This diversion of funds is unfortunate and the attitude and public

conduct it reveals on the part of some of the young people of Reading is a condition it may be in order to call to the attention of all having responsibility for the development of the social attitudes of the growing generation in the town. We could all enjoy more books if the library could be relieved of this unpleasant and expensive necessity of requiring consideration of the rights of others in the use of its public facilities.

Whenever the sharp issue of financial support is under consideration, it is forced to the attention of the trustees that the Reading library is entirely lacking in private endowment with which so many of our neighboring libraries are happily provided. The only money the library has for any purpose comes from the annual town appropriation. It is also of note that the library does not have the use of the fines, now amounting to about \$450 a year, which by law must go directly to the town treasurer and may not be added to the funds for books.

The development of a tradition of small bequests to the library might, in a short time, provide many additional services not easily secured from public appropriations. A habit of gifts and legacies of books would also increase the public service the library can render. Especially desirable as gifts of books would be standard sets in literature or history or special collections in particular fields.

The library lost at the end of the year the services of Bertha L. Brown, librarian, whose health obliged her to retire after thirty-five years' service. Her long and devoted direction of the library during a period of rapid development the trustees have already described in a public expression of appreciation. They note here again their keen sense of the value of her steadfast service. They note also the harsh fact that the failure of the town to accept a pension act for retired municipal employees made impossible any but verbal recognition of the career of a public servant worn out by thirty-five years of useful service at very low pay.

The trustees were happy to find within the library all the personnel to complete the necessary staff organization. They were able to follow Miss Brown's own recommendations and promote to librarian Miss Grace J. Abbott; to the first assistantship, Miss A. Rebecca Turner; and to elect to the second assistantship, Miss Marjorie E. Kenney, who had had two years' experience helping in the library. Miss Abbott has been Miss Brown's associate for many years. Miss Turner has for a dozen years been librarian of the Children's department where she will continue to serve.

Miss Brown's final report as librarian follows.

To the Trustees:

The year 1938 was the busiest the library has had with a circulation of books 5,056 more than 1937 in spite of the fact that it was

closed from May 23 to June 4 for painting done by the W. P. A.

The change of library hours from the afternoon closing at five, to six in the adult department and five-thirty in the children's room has been appreciated. During July and August on Wednesday afternoons there was a story-hour for the younger children in the children's room with an average attendance of twenty-four. In October on two mornings a talk on the use of the library was given by the librarian to groups of ninth grade pupils from the Junior High School.

There has been on exhibition during the year water-colors by a Reading boy; stamps loaned by the Reading Stamp Club; a model house of four rooms showing the work done under the recreation project of the W. P. A.; also specimens of their handiwork; a photograph of R. H. S. cadets of 1894 loaned by Mr. Sydney Hodson; Boy Scouts' handicraft work; Girls Scouts' handicraft work; photographs taken by Gardener Knapp and Christmas cards of the 1880's loaned by Miss Kenney.

When I was appointed librarian in 1903, the library was a leisurely place with few children's books and very little reference work. Many demands are now made on the library beside the cataloging and giving out of books. I leave the work with full confidence that my successor will give the town the best service possible with resources allowed her.

Respectfully submitted,

BERTHA L. BROWN.

Appropriation:

Salaries`	\$ 5,195.00	
Maintenance	3,000.00	
		<hr/>
		\$ 8,195.00

Expended

Salaries: Librarian, Assistants, Janitor	\$ 5,195.00
Fuel, Light, Water, Sewer	431.91
Printing and Supplies	170.50
Books, Periodicals and Binding	2,152.83
Maintenance and Repairs	192.24
Insurance	
Miscellaneous	50.72
	<hr/>
	\$ 8,194.20

Balance Unexpended and Returned to Revenue:

On Salaries	0.00
On Maintenance .....	.80
	<hr/>
	\$ 8,195.00

Receipts			
Fines Collected	\$	452.08	
Two Fees for Out of Town Borrowers		4.00	
	\$	456.08	
Paid to Town Treasurer		456.08	
Balance Dec. 31, 1938		0.00	
Statistics, 1938			
Volumes in Library, Dec. 31, 1937..			20,995
Volumes bought:			
Adult fiction	453		
Adult non-fiction	413		
		866	
Juvenile fiction	214		
Juvenile non-fiction	100		
		314	
Reference Books	8		1,188
Received by gift			41
Total		22,224	
Withdrawn during the year		529	
Total number of volumes Dec. 31, 1938.....		21,695	
Circulation for home use, adult.....	74,880		
Circulation for home use, juvenile	23,098		
Total circulation in 1938		97,978	
Total circulation in 1937		92,922	
Gain in 1938		5,056	
New borrowers registered, adult	376		
New borrowers registered, juvenile	217		
Total new borrowers		593	
Total borrowers registered during past five years (includ'g active borrowers registered)		3,584	
Number of days the library was open.....		292	
Average daily circulation, adult	256		
Average daily circulation, juvenile	70		
		326	
Volumes deposited in schools		173	

The appropriation sought by the trustees for 1939 was \$9,514. The finance committee has approved a budget of \$8,925, of which \$5,550 is for salaries and \$3,375 for maintenance. The budget approved will provide for the most urgently needed equipment and for the increased services required at the delivery desk. It will not permit desired additions of books, to fill in certain ominous gaps in the collections, nor will it permit extending the library's operation through the supper hour in 1939.

NELSON L. BISHOP,
A. IMRIE DIXON,
WARREN L. FLETCHER,
ISABEL G. HEDGES,
LOUIS M. LYONS,
HELEN P. TIRRELL,
Board of Library Trustees.

REPORT OF THE INSPECTOR OF WIRES

Honorable Board of Selectmen,
Town Building, Lowell Street,
Reading, Massachusetts.
Gentlemen:

I herewith submit my second annual report as Inspector of Wires for the Town of Reading for the term ending December 31, 1938.

Total number of inspections classified as follows:

Repairs, additions and alterations, 187; oil burners, 84; additional tenements, 5; garages (home), 1; new houses, 45; electric ranges, 38; low voltage transformers, 6; water heaters, 10; commercial motors, 8; old houses wired, 3; gasoline pumps, 11; temperature controls, 2; carnivals, 1; signs, 10; commercial refrigerators, 7; hen-houses, 4; fire repairs, 1; re-inspections, 236; total inspections, 659.

Lightning causing a break down of wires, 1; explosions causing a break down of wires, 1; wiring condemned, 7; violations of the National Electrical Code, 22; notices to State Examiners, 5; working without license, 5; working without permit, 11.

These cases were handled by the Inspector of Wires and the State Examiners without the necessity of taking any court action whatever.

In conclusion, I wish to thank the Honorable Board of Selectmen for their co-operation throughout the year. I also wish to thank all those who notified me of any hazardous conditions so that they could be properly corrected and any and all others who assisted in any way toward the successful conduct of this office.

Respectfully submitted,

ALBERT C. MAXWELL,
Inspector of Wires.

REPORT OF THE BOARD OF CEMETERY TRUSTEES FOR THE YEAR 1938

To the Citizens of the Town of Reading:

The Cemetery Trustees submit their annual report as follows:

The Board organized for the year by electing Clarence C. White as Chairman and Fred L. Nutter as Secretary.

William P. Pierpont was re-appointed Superintendent.

The appropriations for the year were \$7,650.00 for maintenance of Laurel Hill Cemetery and \$1,000.00 for Forest Glen Cemetery, and \$2,000.00 was transferred from the Cemetery Reserve Fund to assist in carrying on the work of the Department.

The general routine of cemetery work has been supervised very carefully by the Trustees with a view to keeping within these appropriations.

The reports of Superintendent Pierpont, approved by the Trustees and appended hereto, cover so fully the work carried on during the year in both cemeteries, that a repetition in the Trustees' Report seems unnecessary.

These reports of the Superintendent speak for the efficient management of the Superintendent and the good work and loyalty of his assistants.

The board would call especial attention however, to the continued development in Forest Glen Cemetery under W. P. A. projects, which have extended over a period of several years, and would urge that the citizens visit this cemetery and see for themselves what has been accomplished there. Much of the credit for this work is due Arthur Micheline, Sponsor's Agent, to whom the Trustees are greatly indebted for his faithful service and his willingness to co-operate with the board in every possible way.

Respectfully submitted,

CLARENCE C. WHITE, Chairman.

FRED L. NUTTER, Secretary.

FRANK LEE EDGERLEY

HAROLD F. DAVIS

W. F. TWOMBLY

PHILIP H. TIRRELL

Board of Cemetery Trustees.

LAUREL HILL CEMETERY REPORT 1938

To the Board of Cemetery Trustees,

Town of Reading, Mass.

Gentlemen:

I have the honor to present herewith my annual report for the year ending December 31, 1938.

In previous years we have been able to get men from the Welfare and Soldiers' Relief Departments to mow the Old Cemetery and old

lots which belonged to families that have since died out or disappeared and neglected to place perpetual care on them. This year we were unable to get this help and at times the mowing had to be neglected, which detracted somewhat from the appearance of the cemetery. The Cemetery Department funds are insufficient for this work.

Grass cutting cost much more than usual this year due to the unusual amount of rain during the summer months. In the early spring several avenues were badly broken up and had to be repaired with several tons of Hot Top mixture. Later in the season they had a coat of Tarvia. Elm and Walnut Avenues had a coat of asphalt and crushed stone.

We lost twenty-five trees during the hurricane of September 21st. We removed all broken limbs from trees throughout the Cemetery and teamed about thirty cords of wood to the Welfare Department. This work was completed in five weeks by the regular men and extra help, which was paid for out of a special fund.

Six lots and seven single graves were sold this year, nine old lots were placed under perpetual care and one lot had an additional amount added. Perpetual care of lots is ever a prominent feature in the service of this department. All modern cemeteries today advocate this provision over all others. Each year the number of lots under annual care has been reduced and they have been endowed by the owners and placed in perpetual care.

One hundred and twenty-nine sunken graves were repaired and seventeen winter graves reloamed and seeded this spring. Two thousand three hundred and twenty-eight stepping stones were trimmed and raised. One hundred and forty-four stepping stones and four hundred and fifty cement markers were made .

There were seventy interments during the year and forty-three monument and marker foundations were built. Hedges and shrubs were trimmed, urns painted on perpetual care lots, three monuments were cleaned and three foundations rebuilt. Eight lots were reloamed and seeded and six lots had minor repairs. All perpetual care lots were fertilized in the spring and the lots were watered and leaves raked in the fall. All avenues were kept open during the winter.

Two new gates were installed, one at the Highland Street entrance and the other at the Lowell Street entrance. Up to the present time nothing has been done to remedy the condition of the wall along Main Street, but recently we have received word from the State Department that work will start very soon.

We are in need of a new toolhouse and storage building, as our present one is not large enough to take care of the equipment for both cemeteries. This could be built by the W. P. A. with little expense to the town.

I recommend two new gates at Main Street, one at the entrance

near Charles Street and the other at the upper entrance, as both are without gates.

This covers in detail the general operation of the year's work of this cemetery. The financial statement will appear in the report of the Town Accountant.

Respectfully submitted,
WILLIAM P. PIERPONT,

Superintendent.

FOREST GLEN CEMETERY REPORT 1938

To the Board of Cemetery Trustees,
Town of Reading, Mass.
Gentlemen:

The general routine of Cemetery work has been carefully followed during the season. The grass mowed regularly, lots and grass plots fertilized, shrubs cared for and stepping stones trimmed. Seven sunken graves were repaired and everything has been done that goes with the upkeep of a cemetery.

There has been extensive progress made by the W. P. A. during the year 1938. Work on the project started March 14th with an average of eighteen men. Two hundred and twenty-five cubic yards of ledge was broken up and removed. Two thousand one hundred and seventy-six cubic yards of loam was hauled to the west section, which was graded and seeded. Five hundred feet of two inch pipe was laid to supply water to this section and six hydrants set. Construction on the wall at the west boundary was resumed April 20th. Two hundred and fifty feet of wall was built this year, completing five hundred and sixty-seven feet. It is important that this wall should be capped this season to assure preservation. It is our intention to plant ivy and scattered shrubs along this wall.

The building in the Cemetery on Pearl Street which was originally a camp has been renovated inside and out by the W. P. A. and many improvements installed. A retaining wall was built bordering the lawn and also cement steps and walk, making it a very attractive house, which is occupied by an employee of the Cemetery Department.

A new project was started October 15th to complete the remaining area of this Cemetery, of approximately four acres. Four hundred and fifty trees were cut down and all brush removed and burned. It is expected that a steam shovel will start soon to dig over the land and remove all stumps and boulders. Avenues are to be built, extension of the water and drain pipe to be laid and the wall is to be extended around the entire Cemetery. Construction on a wall has been started from the southern boundary extending north at Pearl Street, with an entrance at this section. At the completion of this project

which calls for rough grade only, it is hoped that this work will continue until the cemetery is a finished project.

As all lots are sold including perpetual care, there will be no uncared for lots to mar the beauty of the grounds. With its macadam avenues, green lawns, field stone wall, scattered trees and shrubs, it will be one of the best laid out cemeteries in this part of New England.

In closing I wish to thank Arthur Michelini, Sponsor's Agent, and also Foreman Warren Sprague for the interest they have taken in the development of Forest Glen Cemetery. The financial statement will appear in the report of the Town Accountant.

Respectfully submitted,

WILLIAM P. PIERPONT,
Superintendent.

REPORT OF BUILDING INSPECTOR

To the Honorable Board of Selectmen,
Gentlemen:

I hereby submit my report for the year 1938.

The building construction for the past year was as follows:

38 new one family dwellings at an estimated cost of \$167,250.00

16 alterations and additions to dwellings at an estimated
cost of \$ 11,985.00

16 new private garages at an estimated cost of..... \$ 5,200.00

2 new restaurants.

1 new summer house.

7 new hen houses.

14 alterations and additions to various buildings.

Estimated cost of the above building construction 17,286.00

Total estimated cost of all building construction \$201,671.00

201,721

Number of permits granted 94.

Fees received for building permits \$252.50.

Respectfully submitted,

A. RUSSELL BARNES,
Building Inspector.

REPORT OF THE PLANNING BOARD

To the Town of Reading:

Regular meetings of the Board have been held throughout the year on Friday evenings at the Municipal Building; also a number of special meetings have been held. The Board has been represented at various local hearings.

The employment of Professor Frederic Adams of the Massachusetts Institute of Technology has been continued.

During the year the Board has continued its studies on the master plan.

In the early part of the year the Board completed its studies of the proposed amendment of the Zoning Law and after several public hearings presented the amendment to the Town at a special town meeting held on May 23, 1938. The amendment failed of adoption by a very small margin.

Later, at a special town meeting held on October 20, 1938, the placing of the amendment on the official ballot at the annual town meeting was presented and it was voted that the amendment be so placed on the ballot. Another public hearing was held on the amendment on January 27, 1939. The final report with recommendations of the Board on the proposed amendment was as follows:

FINAL REPORT WITH RECOMMENDATIONS OF THE PLANNING BOARD OF READING ON THE PROPOSED AMENDMENT TO THE ZONING BY-LAW, RENDERED IN ACCORDANCE WITH SECTION 27 OF CHAPTER 40 OF THE GENERAL LAWS, TERCENTENARY EDITION, AS AMENDED

For the past few years your Planning Board has given serious consideration to the matter of zoning. In view of the fact that nearby towns have strengthened their zoning laws the tendency for undesirable developments in Reading is increased since these are prohibited in many places because of this more strict zoning.

Any measure that will prevent this sort of development gives security to the owners of property in the town since it protects them from the improper development of neighboring properties.

Any construction activity in the outlying areas of the community is expensive for the town because of the necessity of supplying services, such as streets, lights, sewers, police and fire protection as well as schools. These services can be supplied more economically if they are extended gradually rather than carried through unproductive vacant areas. This type of outlying developments is prevented by increasing the size of lots progressively from the center to the edge of the town. This makes for a logical development from the center outward.

The provisions included in this proposed by-law will benefit all

classes of citizens. Property owners will benefit by the protection of their investment; money will be saved in taxes since the necessity of expending town funds in extending services unduly will be avoided; and all citizens will benefit by the increased ability of the Town to supply all the services which it should supply including assistance to the unfortunate.

This proposed amendment to the zoning by-law which was developed by the Planning Board was submitted to the Town at a special town meeting held on October 20, 1938, and it was voted that the amendment be placed upon the official ballot for the annual meeting to be held on March 6, 1939.

A public hearing on the proposed amendment was held as required by the Statutes, on January 27, 1939.

The original zoning law was adopted in 1927 and since that time much progress has been made in the science of zoning. The present amendment is designed to keep pace with the improved methods now being generally adopted. It is also made necessary by changes in population trends; zoning or lack of it in neighboring towns; and by present methods of developing real estate.

**PRINCIPAL CHANGES FROM OLD LAW AND REASONS
THEREFOR**

- 1. **Multiple residence district** has been eliminated because there is no demand for new two-family houses.
- 2. **Single family district** has been divided into three districts as follows:

	Lots required to be at least
Residence A-1 district	10,000 sq. ft. in area
Residence A-2 district	20,000 sq. ft. in area
Residence A-3 district	40,000 sq. ft. in area

In the proposed revision the 10,000 sq. ft. restrictions apply to areas which can readily be served by the present gravity sewage system or extensions of it.

The 20,000 sq. ft. areas on the north, west and south, to a large extent, lie beyond this gravity area and would necessitate some system of pumping; moreover, the soil situation is such in a large portion of these areas that a lot size of 20,000 sq. ft. minimum would be necessary for adequate private sewage disposal.

The 40,000 sq. ft. areas are made up mostly of publicly or semi-publicly owned land, or areas not suitable for development on account of their swampy nature. Other towns have adopted this type of zoning, for example: Lexington has increased lot sizes from 7,500 sq. ft. to 12,500 sq. ft.. Weston has increased lot sizes to 20,000 sq. ft. and 40,000 sq. ft.; Lincoln has a minimum of one acre; Milton has minimums of 7,500, 20,000 and 40,000 sq. ft.; Winchester

has 10,000 and 15,000 sq. ft. areas for single houses; Belmont has 10,000 and 15,000 sq. ft. areas for single houses.

3. **Minimum width of lots** has been increased from 70 feet to 80 feet because the trend in suburban building is to larger lot sizes and longer houses parallel to the street.
4. **Present side yard** requirement has been increased from 10 feet to 15 feet for better spacing.
5. **The business district** on South Main Street has been revised to provide for a 50 foot set-back. This district will be occupied mainly by gas stations, refreshment and garden truck stands and other kinds of highway business. The set-back is provided in the interests of safety and convenience for everybody.
6. **Apartment House district.** Part of the central business district has been re-zoned into an apartment house district to meet the demand for space available for apartments.
7. **The industrial district** has been reduced in size, part of it being zoned for single residence and part for apartment houses. The area provided in the amendment is more than ample for any probable industrial development.
8. **The unrestricted district** has been eliminated to prevent uncontrolled development.

IN GENERAL

1. The proposed amendment does not affect the sizes of lots already recorded. There are approximately 1,500 lots of 7,000 sq. ft. area or less unbuilt upon.
2. Property owners will be allowed to continue the present use of their premises.
3. The proposed districts for business provide for nearly six times the amount of frontage now used for business.
4. The amendment provides for the re-subdivision of tracts already divided into small lots, should the owners so desire.
5. From 1920 to 1935 a population increase of approximately 50 per cent took place. Unless unforeseen circumstances arise it is unlikely that the rate of increase for the fifteen year period beginning in 1935 will be in excess of the previous fifteen year period. This would mean a population in 1950 of approximately 15,000.
6. Computations show that the proposed zoning law would provide for a total population in excess of 35,000 persons, an increase of about 25,000, a figure unlikely to be reached before another re-zoning of the town will be necessary.
7. The proposed amendment provides for a Board of Appeal which has the usual statutory powers to relieve unnecessary hardships.

The Planning Board has voted unanimously to recommend the enactment of the amendment as set forth in the warrant for the annual town meeting to be held March 6, 1939.

WINTHROP D. PARKER,
 RICHARD F. DREW,
 McPHERSON DANIEL,
 SHERBURNE J. WATTS,
 PHILIP R. WHITE,

Planning Board.

REPORT OF BOARD OF HEALTH

To the Citizens of Reading:

There were one hundred sixty-one contagious diseases reported during the year 1938.

Anterior Poliomyelitis	1
Chicken Pox	4
Dog Bites	44
Lobar Pneumonia	5
Measles	5
Mumps	47
Para Typhoid B	7
Scarlet Fever	21
Tuberculosis	5
Whooping Cough	22
Number of Deaths	81
Male	36
Female	45
3 were between	90 and 100
19 were between	80 and 90
28 were between	70 and 80
18 were between	60 and 70
3 were between	50 and 60
5 were between	40 and 50
1 was between	30 and 40
1 was between	10 and 20
1 was between	1 and 10
2 were under	1

Respectfully submitted,

E. M. HALLIGAN, M. D.
 R. B. SHEPARDSON, M. D.
 C. F. ATKINSON

Board of Health.

REPORT OF CUSTODIAN OF SOLDIER'S AND SAILOR'S GRAVES

Reading, Mass.,
Dec. 31, 1938.

The Honorable Board of Selectmen,
Town of Reading, Massachusetts,
Gentlemen:

I respectfully submit my report for the year ending December 31, 1938 as Custodian of Soldiers' and Sailors' Graves for the Town of Reading, Mass.

The following veterans have answered their last roll call during the year:

Spanish American War

Alfred E. Goodwin, Age 62 years, 28 days
Died Aug. 1, 1938 Buried Aug. 3, 1938

World War

Harry Joseph Fisher, Age 47 years, 5 months
Died Feb. 7, 1938 Buried Feb. 10, 1938

Irmi E. Skilton, Age 59 years, 4 months, 21 days
World War Nurse
Died April 8, 1938 Buried April 13, 1938

George E. Armstrong, Age 50 years, 3 months
Died June 19, 1938 Buried June 21, 1938

Frank T. Seaman, Age 43 years, 26 days
Served in 102nd Inf. overseas
Died Aug. 16, 1938 Buried Aug. 18, 1938

All veterans buried in Laurel Hill Cemetery.

During the year eighteen sunken graves have been put in first class condition and the balance of \$600.00 spent in labor.

I have inspected the veteran's graves and find they are kept in excellent condition and I have always found Mr. Pierpont the superintendent willing to do everything possible to co-operate.

Respectfully,
HARRY A. TURNER,
Custodian of Soldier's and Sailor's Graves,

REPORT OF DOG OFFICER

To the Honorable Board of Selectmen:
Gentlemen:

I hereby submit my report as Dog Officer to December 31, 1938. I have canvassed the town to see that all dogs were licensed. Unlicensed and strayed dogs have been found and disposed of as follows:

- 262 have been destroyed.
- 27 returned to owners.
- 167 hens destroyed by dogs.
- 1 pig destroyed by dogs.
- 1 rabbit destroyed by dogs.
- 1 sheep destroyed by dogs.
- 395 complaints investigated.
- 37 dogs killed by autos.
- 2 cases of rabies.

At this time I wish to thank the Police Department and the Court for their assistance to me.

Respectfully submitted,
CHARLES H. MELENDY,
Dog Officer.

REPORT OF INSPECTOR OF ANIMALS

To the Honorable Board of Selectmen,
Reading, Massachusetts.
Gentlemen:

I herewith submit my report as Inspector of Animals for the year 1938.

On January 1, 1939 there were approximately 477 head of neat animals in the town.

The number of animals inspected were:

Cattle	216
Swine	229
Goats	32

There were 41 cases of dog bites reported and two cases of dogs affected with the rabies. All dogs known to have had contact and those suspected of having had contact with the rabid animals were quarantined.

Respectfully submitted,
BERNARD SCHIMPFKE,
Inspector of Animals.

REPORT OF TOWN FOREST

To the Honorable Board of Selectmen,
Reading, Massachusetts.

Gentlemen:

It was voted at our last March meeting that the Selectmen purchase a parcel of land of twelve acres adjoining the Town Forest.

The Welfare cut $45\frac{1}{2}$ cords of wood and cleared the land for planting the trees. This job was not completed until December 31, 1937 which made it too late to plant. This parcel of land has made a big improvement to the forest.

Twelve thousand trees of white and red pine were ordered and the Welfare Department set them out this spring.

Three hundred trees were lost by fire this year by careless smokers of cigarettes. A man living on Concord street saw this fire before it had spread far, and he called the Reading Fire Department by phone, otherwise we might have had a serious loss.

Our first planting of trees have grown to the height where they should be trimmed of their lower branches. This will require men of good judgment.

Planting of trees by years as follows:

1930	20,000
1931	17,000
1932	11,000
1933	7,000
1934	20,000
1935	50,000
1936	1,000
1937	none
1938	12,000

Total	138,000
Loss	27,000

Leaving 111,000

The loss of 27,000 was from poor stock, winter killed and fire.

These trees were given free of charge by the State Department of Conservation.

The estimate of 111,000, present number of healthy growing trees, is a big asset of the Town Forest to the Town of Reading.

The 1938 budget appropriation was \$300. This was not enough to

keep a watchman for eight months in the year, and we should keep a man to guard our forest against fire or other dangers that could happen to the forest, for at least eight months in a year.

We would recommend the planting of a thousand or more trees this spring.

The work that has been done by the W. P. A. on the Town Forest is:

Five thousand feet of cart roads throughout the Town Forest have been widened to 20 feet, low places filled and knolls cut down. This work has required 2052 cubic yards of earth excavation, 2260 cubic yards of gravel fill and 8560 square yards of gravel surfacing. Sixty-four acres of the Town Forest have also been cleared of brush under this project.

This project will continue late in the spring. There is about fifty acres more to be cut over, and also more roads to be built.

Respectfully submitted,

ORVILLE O. ORDWAY, Chairman.

LELAND W. KINGMAN

HENRY M. DONEGAN

Reading Town Forest Committee.

REPORT OF TREE WARDEN

Reading, Mass., February 16, 1939.

To the Honorable Board of Selectmen of Reading, Mass.

Gentlemen:

Please find herewith my report as Tree Warden and Moth Superintendent for the year of 1938.

The work this year progressed about as usual until July, at which time we found the "Elm Leaf Beetle" doing so much damage that it became necessary to greatly increase and extend our spraying, which we did until the appropriation for this work became exhausted.

Because of the necessity of this extra spraying I have this year recommended a larger amount.

As you know the hurricane of September 22 caused so much damage to the trees on the streets, destroying over four hundred shade trees which must be replaced, there will be an added expense this year for trees as well as labor.

Respectfully submitted,

HENRY M. DONEGAN,

Tree Warden and Moth Superintendent.

MIDDLESEX COUNTY EXTENSION SERVICE IN AGRICULTURE AND HOME ECONOMICS

The following is a report of the work of the Middlesex County Extension Service in Reading for the year 1938.

The agricultural work consisted largely of service rendered directly through the Reading Poultry Association and through farm visits made upon request to assist farmers with their individual problems. At the poultry meetings outside speakers consisted of Stanley Bennett of the Essex County School, Prof. G. T. Klein of the Massachusetts State College and Homer Huntington of the New England Fresh Egg Institute.

Of interest to fruit growers was a demonstration on control of mice in the orchard. The spray service, which is of interest to fruit growers, has been continued, and farm visits were also made to assist in fruit and forestry problems.

The program for homemakers during the year consisted of a series of meetings on money management, another on the making of little girls' dresses, and a third on the consumer problems of buying foods.

Mrs. Howard Perley served as town chairman in 4-H Club work, with Mrs. Helen White and Miss Dorothy Allard as other members of the committee. Thirty-six girls and twenty-three boys were enrolled during the year under the leadership of Mrs. Harry Camp, clothing; Mrs. John O'Brien, clothing; and Miss Ruth Tooley, food. Miss Dorothy Bailey carried on as an individual club member in home furnishings and entered the contest for room improvement.

The officers' training school was held in Reading. Local leaders assisted with the instruction. Club members participated in the sectional rally held in Greenwood. The "Little Cooks" food club were winners of the blue ribbon in the song contest. A number of girls took part in the Girls' Day contest held in Wakefield. An excellent exhibit and program was given by the local clubs in Highland School in May.

Several club members attended Camp Middlesex. Mrs. John O'Brien attended Local Leaders' Camp. A Christmas party was given to local leaders of the town by the chairman, Mrs. Howard Perley.

Following the hurricane, with so many farmers having down timber, a great deal of time was spent on getting the government program under way for salvaging timber and reducing the fire hazard. Also, some farmers were helped in obtaining loans to take care of the hurricane losses.

REPORT OF INSPECTOR OF PLUMBING

To the Board of Health:
Gentlemen:

I herewith submit my report for the year ending December 31, 1938.

Number of permits granted	94
Number of fixtures installed	489
Bath tubs	77
Lavatories	92
Closets	90
Sinks	73
Wash trays	91
Boilers	63
Showers	3

I have made 238 inspections covering plumbing.

Respectfully submitted,

DAVID TAGGART,
Inspector of Plumbing.

REPORT OF INSPECTOR OF MILK AND FOOD

To the Honorable Board of Selectmen,
Town of Reading,
Gentlemen:

The milk inspections of the local milk supply for this year has consisted of the inspection of the local dairies and manner of handling the same. I can report at this time that with a very few exceptions, these have been found to be very satisfactory. Fourteen inspections were made.

Samples of milk have been taken once a month for analysis for the butter fat and solids content. Also for the bacteria count, which is more important. Seventy-four samples have been analyzed this year and most of them were very satisfactory. I found four cases of mastitis which were remedied in time.

The food inspection has been the same as in other years. All of the establishments handling or storing foods were inspected as to their sanitary conditions. Most of the conditions were found to be satisfactory. Thirty-two such inspections were made.

Yours very truly,

CARL M. SMITH,
Inspector of Milk and Food.

SEALER OF WEIGHTS AND MEASURES REPORT

To the Honorable Board of Selectmen
Town of Reading
Gentlemen:

The following is a tabulation of the work completed by the Department of Weights and Measures for the year 1938:

Work performed from Jan. 1, 1938 to Dec. 31, 1938, Incl.

	Adjusted	Sealed	Con- demned
1. Scales:			
Platform, over 10,000 lbs.	1	2	
Platform, 100 to 5,000 lbs.	5	5	
Counter, 100 to 5,000 lbs.	2	5	
Counter, under 100 lbs.	5	16	
Spring, under 100 lbs.	13	23	
Computing, under 100 lbs.	19	32	1
Personal weighing		2	
2. Weights:			
Avoirdupois		119	
3. Volumetric Measures:			
Liquid Measures		10	
Dry Measures		4	
4. Automatic Liquid:			
Measuring Devices			
Gasoline Pumps	18	89	4
Oil Pumps		1	
Grease Measuring Devices	1	5	
5. Linear Measures:			
Yard Sticks		11	
	<hr/> 64	<hr/> 324	<hr/> 5

**Trial Weighings and Measurements of Commodities Sold or Put Up
For Sale**

Commodity	Total	Number Correct	Incorrect	
	Number Tested		Over	Under
Bread	16	12	1	3
Coal in Paper Bags ..	10	8	1	1
Dry Commodities	28	22	4	2
Flour	4	3	1	0
Ice	6	1	1	4
Meats and Provisions .	8	8	0	0
Potatoes	18	10	4	4
	<hr/> 90	<hr/> 64	<hr/> 12	<hr/> 14

Summary of Inspections

Inspections made:

Paper or fibre cartons	2
Pedler's licenses	4
Markings of bread	4
Coal in paper bags	2
Clinical thermometers	1
Pedler's scales	2
Ice scales	2
Junk scales	1
Retests of gasoline devices after sealing ..	4

Sincerely yours,

CARL M. SMITH,

Sealer of Weights and Measures.

REPORT OF THE BOARD OF APPEAL

To the Honorable Board of Selectmen,
Gentlemen:

Six petitions for variation of the application of the Zoning By-Law were presented to the Board of Appeal during 1938, of which four were granted, two denied. Full particulars of all these cases are on file with the Town Clerk and are open to the inspection of the public.

Respectfully submitted,

HENRY Q. MILLETT, Chairman

FRED L. NUTTER, Secretary

BENJAMIN B. PIPER

Board of Appeal.

REPORT OF BOARD OF ASSESSORS

To the Citizens of the Town of Reading:

This board organized on March 8, 1938 by electing Edgar Frost, chairman, George E. Horrocks, secretary, and Arthur S. Cook being the third member of the board. Christine F. Atkinson and Helen W. Brown were retained as office assistants. Nellie C. Field, Frances E. Meuse, Carl H. Hoyt, Jr. and John J. Walsh were appointed assistant assessors to compile the annual Street and Alphabetical List. A total of 2200 copies of this list was published and distributed to our townspeople.

Miss Helen W. Brown resigned on October 1, 1938 and she was succeeded by Mrs. Constance B. Marden.

The Field Work of the Assessors and Assistant Assessors began on January 3rd, 1938, and continued until the work was completed.

New building in Reading showed a healthy increase there being fifty-six new houses constructed during the year and with additions and alterations an increase in building valuation amounted to \$241,830.

Although there was a substantial decrease in the valuation of Personal Property the Tax Rate was reduced \$1.50 per thousand.

All abatement and exemption requests received have been promptly acted upon and decisions rendered in accordance with our best judgment.

Board meetings are held Friday evenings at the Municipal Building, from 7:30 to 9:00 P. M. for the convenience of citizens wishing to confer with the board.

The following statistics for 1938 are respectfully submitted:

Valuation of Taxable Property

Bldgs., exclusive of land	\$12,524,460.00
Land, exclu. of bldgs	3,571,355.00
Personal Estate	694,754.00
	<hr/>
	\$16,790,569.00
 Amt. appro. for Town Purposes ..	 \$800,529.35
Amt. of Overlay Deficit 1936	536.94
Amount to be paid for state and	
County Taxes	59,012.81
Amt. of Overlay	6,353.75
	<hr/>
	\$866,432.85

Less Estimated Receipts	\$284,888.16	
Less Excise Tax	20,451.67	
Less Available Funds	9,000.00	
Less 3120 Polls @ \$2.00	6,240.00	
Less Overestimate State and County Taxes, 1937	155.17	320,735.00

Amount to be raised \$545,697.85

Tax rate for 1938 (Amount to be raised divided by Total Taxable
Valuation) is \$32.50 per M

Recapitulation

Real Estate Tax	\$523,117.74
Personal Estate Tax	22,580.11
Poll Taxes	6,240.00
Excise Taxes	22,224.38
Moth Assessments	583.75
Betterments:	
Sewer	376.59
Sidewalk and Curbing	957.49
Highway	1,929.66
Water	417.55
Additional Polls	44.00
December Commitment, 1938	20.32
	<hr/>
	\$578,491.59

Detail of State and County Taxes

State Tax	\$ 22,222.50
State Parks and Reservations	562.79
Metropolitan Sewerage Tax	10,132.82
County Tax	26,094.70
	<hr/>
Total State and County Tax for 1938	\$ 59,012.81

Valuation Comparison

	1937	1938	Inc.	Dec.
Val. of Bldgs. only	\$12,282,630.00	\$12,524,460.00	\$241,830.00	
Val. of Land only ..	3,562,825.00	3,571,355.00	8,530.00	
Val. of Per. Prop. .	733,630.00	694,754.00		\$ 38,876.00
Val. of Town Prop	1,461,060.00	1,497,960.00	36,900.00	
Val. of Exempt. Prop.	532,485.00	532,320.00		165.00
Val. of Excise Tax	808,750.00	712,195.00		96,555.00
December Commitment	5,275.00	625.00		4,650.00
	<hr/>	<hr/>	<hr/>	<hr/>
Total Town Val.	\$19,386,655.00	\$19,533,669.00	\$287,260.00	\$140,246.00

	1937	1938	Inc.	Dec.
Net Change in Valuation			\$147,014.00	
Tax Rate	\$34.00 per M.	\$32.50 per M.		\$1.50 per M.

Miscellaneous Data

	1937	1938	Inc.	Dec.
Num. of Persons, Partnerships and Corps. Assessed	2664	3067	403	
Num. of Auto. Assessed	3440	3181		259
Number of Polls	3073	3142	69	
Number of Horses	41	33		8
Number of Neat Cattle.....	158	157		1
Number of Swine	86	79		7
Num. of Dwelling Houses	2641	2697	56	
Number of Acres of Land	5570	5570		
Number of Fowl	14846	15851	1005	

EDGAR FROST
GEORGE HORROCKS
ARTHUR S. COOK

Board of Assessors.

REPORT OF THE TREASURER

For the Year Ended December 31, 1938

The transactions in the General Cash Account, in summary form, were as follows:

Balance January 1, 1938	\$175,970.34
Receipts:	
Grace V. Viall, Collector	\$581,487.97
Municipal Light Department	358,582.09
Water Department	49,062.93
School Department	16,616.08
Cemetery Department	5,366.27
Tree Warden and Moth Department	744.25
School Cafeteria	10,368.73
Library	456.08
Hearings, Licenses and Permits	769.00
Other Department Receipts	8,879.89
Old Age Assistance Grants and Refunds ..	54,313.09
Welfare and Soldiers' Relief Refunds	19,617.58
Aid to Depend. Children, Grants & Refunds	10,405.82
Temporary Loans in Anticipation of Rev. ..	725,000.00
Elementary School Loan	110,000.00

Municipal Relief Loan	35,000.00
Highway Construction Loan	29,000.00
Tax Title Loan	25,000.00
Storm Damage Loan—Light Dept.	25,000.00
Storm Damage Loan—General	13,000.00
Middlesex County Hospital Assess. Loan	6 000.00
Commonwealth of Mass.—Taxes	67,966.55
Commonwealth of Mass.—Soldiers' Benefits	1,203.58
State and County—Highway Funds	41,177.20
Federal Grant for Elementary School	29,378.70
Municipal Light Dept.—Trans. of Income .	24,000.00
Redemption of Prop.—Taxes, Int., and Costs	22,133.86
Trust Funds Transfers	7,410.48
Trust Funds Income	3,046.59
Miscellaneous	4,817.83
	<hr/>
Total Receipts	\$2,285,804.57
	<hr/>
	2,461,774.91

Disbursements :

Temporary Loans	\$700,000.00
Funded Debt	55,500.00
Highway Construction Loan	21,200.00
Interest	12,380.22
State Taxes and Assessments.....	53,451.36
County Tax	25,848.01
Other Disbursements	1,246,778.42
	<hr/>
Total Disbursements	\$2,115,158.01
	<hr/>
Balance December 31, 1938	\$346,616.90

Funded Debt

Outstanding January 1, 1938	\$360,600.00
Bonds and Notes Issued in 1938	151,000.00
	<hr/>
	\$511,600.00
Bonds and Notes Paid in 1938	\$ 55,500.00
Outstanding December 31, 1938	456,100.00
	<hr/>
	\$511,600.00

Notes Issued in Anticipation of Revenue

Outstanding January 1, 1938	\$250,000.00	
Notes Issued in 1938	725,000.00	
	<hr/>	\$975,000.00
Notes Paid in 1938	\$700,000.00	
Outstanding December 31, 1938	275,000.00	
	<hr/>	\$975,000.00

Special Loans

Outstanding January 1, 1938	\$ 21,200.00	
Issued in 1938:		
Highway Construction Loan...	\$ 29,000.00	
Tax Title Loan	25,000.00	
Storm Damage Loans	38,000.00	92,000.00
	<hr/>	<hr/>
		\$113,200.00
Paid in 1938:		
Highway Construction Loan...	\$ 21,200.00	
Tax Title Loan	6,026.22	27,226.22
	<hr/>	<hr/>
Outstanding December 31, 1938:		
Highway Construction Loan ...	\$ 29,000.00	
Tax Title Loan	18,973.78	
Storm Damage Loans	38,000.00	85,973.78
	<hr/>	<hr/>
		\$113,200.00

A more detailed statement of receipts and disbursements and a statement of the Trust Funds are presented in the report of the Town Accountant.

PRESTON F. NICHOLS,
Treasurer.

REPORT OF COLLECTOR OF TAXES

Taxes 1934

Uncollected December 31, 1937	\$ 232.80	
Interest and Costs Collected	25.78	
Paid Treasurer		\$ 91.87
Uncollected December 31, 1938		166.71
	<hr/>	<hr/>
	\$ 258.58	\$ 258.58

Taxes 1935

Uncollected December 31, 1937	\$ 1,296.83	
Interest and Costs Collected	145.06	
Paid Treasurer		\$ 809.71
Abated		48.00
Uncollected December 31, 1938		584.18
	<hr/>	<hr/>
	\$ 1,441.89	\$ 1,441.89

Taxes and Assessments 1936

Uncollected December 31, 1937	\$ 19,733.00	
Interest and Costs Collected	1,887.53	
Additional Commitment	2.00	
Refunds Account Taxes	83.22	
Refunds Account Interest and Costs	9.27	
Paid Treasurer		\$ 16,744.56
Transferred to Tax Title Account		2,940.23
Abated		337.78
Refund Account Interest and Costs		9.27
Uncollected December 31, 1938		1,685.18
	<hr/>	<hr/>
	\$ 21,715.02	\$ 21,715.02

Taxes and Assessments 1937

Uncollected December 31, 1937	\$177,609.45	
Interest and Costs Collected	4,916.78	
Additional Commitments	178.76	
Refunds Account Taxes	217.74	
Refunds Account Interest and Costs	4.74	
Paid Treasurer		\$146,292.10
Transferred to Tax Title Account		2,371.82
Abated		426.04
Refund Account Interest and Costs		4.74
Uncollected December 31, 1938		33,832.77
	<hr/>	<hr/>
	\$182,927.47	\$182,927.47

Taxes and Assessments 1938

General Tax Warrant	\$578,722.95	
Interest and Costs Collected	672.76	
Refunds Account Taxes	1,337.45	
Refunds Account Interest and Costs .....	.43	
To be Refunded Account Taxes	15.44	
Paid Treasurer		\$406,866.34
Abated		4,384.96
Refund Account Interest and Costs .....		.43
Uncollected December 31, 1938		169,497.30
	<hr/>	<hr/>
	\$580,749.03	\$580,749.03

Sewer Rentals

Uncollected December 31, 1937	\$ 1,290.63	
Committed, 1938	8,354.48	
Interest and Costs Collected	74.59	
Paid Treasurer		\$ 7,976.16
Transferred to Tax Title		66.16
Abated		25.00
Uncollected December 31, 1938		1,652.38
	<hr/>	<hr/>
	\$ 9,719.70	\$ 9,719.70

Highway Betterment

Commitments, 1938	\$ 2,587.64	
Paid Treasurer		\$ 219.65
Deferred Payments		2,367.99
	<hr/>	<hr/>
	\$ 2,587.64	\$ 2,587.64
Advanced Payment Apportioned Highway	\$ 704.51	
Interest Collected .....	.22	
Paid Treasurer		\$ 704.73
	<hr/>	<hr/>
	\$ 704.73	\$ 704.73

Sidewalk Betterment

Commitment, 1938	\$ 2,379.68	
Paid Treasurer		\$ 534.29
Deferred Payments		1,845.39
	<hr/>	<hr/>
	\$ 2,379.68	\$ 2,379.68
Advanced Payments Apportioned Sidewalk	\$ 516.99	
Paid Treasurer		\$ 516.99
	<hr/>	<hr/>
	\$ 516.99	\$ 516.99

Sewer Betterment

Commitment, 1938	\$	723.93		
Paid Treasurer			\$	250.09
Deferred Payments				473.89
	\$	723.93	\$	723.98
Advanced Payment Apportioned Sewer.....	\$	100.24		
Interest Collected .....		.97		
Paid Treasurer			\$	101.21
	\$	101.21	\$	101.21

Water Liens Added to Taxes

Uncollected December 31, 1937	\$	550.27		
Interest and Costs Collected		22.47		
Paid Treasurer			\$	208.53
Added to 1938 Taxes				364.21
	\$	572.74	\$	572.74

Water Liens Not Added to Taxes

Commitments, 1938	\$	892.91		
Interest and Costs Collected		15.21		
Paid Treasurer			\$	158.74
Uncollected December 31, 1938				749.38
	\$	908.12	\$	908.12

Recapitulation

Total receipts from taxes and assessments:				
Taxes	\$534,819.29			
Highway assessments and interest	2,445.57			
Sidewalk assessments and interest	1,864.40			
Sewer assessments and interest	8,567.29			
Water Liens	579.24			
Motor Vehicle assessments	25,437.81			
Interest, costs, etc.	7,774.37			
	\$581,487.97			
Paid to Treasurer as per Treasurer's Receipts			\$581,487.97	

GRACE V. VIALL,
Collector of Taxes.



ANNUAL REPORT

OF THE

TOWN ACCOUNTANT

RECEIPTS AND EXPENDITURES

For the year Ended

December 31, 1938

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RECEIPTS 1938

TAXES

Current Year:	
Property	379,566.68
Poll	5,020.60
Previous Years:	
Property	148,903.26
Poll	798.00
Tax Title Redemptions	19,732.05
From the State:	
Income:	
Educational Measure	17,360.00
Valuation Measure	36,075.86
Corporation	14,530.69
Veterans' Exemption	406.08
	<hr/>
	622,393.22

LICENSES AND PERMITS:

Board of Selectmen:		
Bowling and Pool	\$	25.50
Theatre		57.75
Inn Holder		1.00
Auctioneer		18.00
Common Victualer		29.00
Revolver		30.50
Second Hand Auto Dealer		59.09
Lord's Day		141.00
Peddler		12.00
Taxi		3.00
Truck		13.00
Junk		16.00
Advertising Hearings	18.00	\$ 414.75
	<hr/>	
Board of Health:		
Frozen Dessert	\$	10.00
Physiotherapist		1.00
Masseuse		2.00
Undertaker		2.00
Pasteurization	20.00	\$ 35.00
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FINES AND FORFEITS:

Court Fines	\$	152.20
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GRANTS AND GIFTS:

From the State:

Aid to Industrial Schools	\$ 678.41
Juvenile Training	96.48
Chapter 500 Acts 1938	12,750.00
Highways, Chapter 90:	
Lowell Street	7,214.03
Woburn Street	9,894.55
Various Roads	741.65
Lowell Street 1937	233.28

From the County:

Highways, Chapter 90:	
Lowell Street	4,569.18
Woburn Street	5,475.51
Dog License Fees	1,280.91
U. S. Treasury, Elementary School....	29,378.70

ALL OTHER GENERAL REVENUE:

Tailings Account	126.56
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SPECIAL ASSESSMENTS:

Moth and Tree Work	530.75
Sewer Betterment	602.89
Sidewalk and Curbing Betterment	1,713.33
Highway Betterment	2,053.63

PRIVILEGES:

Motor Vehicle Excise Tax	25,437.81
Peddler's License from State	32.00

DEPARTMENTAL RECEIPTS:

General Government:

Collector's Costs and Charges	1,175.60
Certificates, Etc.	13.00
Board of Appeal	30.00

Inspection:

Sealer of W. & M. Fees	68.29
Inspector of Food & Milk Fees	34.00
Inspector of Building Fees	254.50

Forestry:

Moth and Tree Work Bills	818.25
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Health and Sanitation:

Health	57.00
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Sanitation:

Sewer Rentals	7,901.57
Sewer Rentals, Costs, etc.	32.20

Charities:

Reimbursement for General Aid:

From Other Cities and Towns	3,142.57
From the State	15,233.53
Emergency Relief	230.38

Reimbursement for Aid Dependent Children:

From the State	6,526.31
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Reimbursement for Old Age Assistance:

From Other Cities and Towns	1,454.94
From the State	22,912.25

Federal Grants—Reimbursement:

Old Age Assistance Administration	960.93
Old Age Assistance Aid	28,829.80
Aid to Dependent Children	3,879.51

Soldiers' Benefits:

State Aid	380.00
Military Aid	217.50
Soldiers' Burial	200.00
Soldiers' Relief from Other Cities and Towns	26.70

Schools:

Tuition State Wards	1,789.47
Tuition Town of North Reading	13,338.50
Tuition Sundry Parties	28.00
Tuition City Wards	556.88
School Cafeterias	10,368.73
Miscellaneous	125.98

Library:

Fines, etc.	456.08
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Unclassified:

Refund on 1937 Aid	377.68
Town from Municipal Light Dept.....	24,000.00
Middlesex County Dog Vaccine	380.60
Road Machinery Account	3,317.15
Sidewalk and Curbing Bills	555.59
Comm. of Mass. Interest	80.06
Allowance Police Department	3.50
Allowance Collector	57.50
Miscellaneous	1.00
Sale Land Taken for Taxes	1,392.26
Auto Fire Loss	100.00
Board of Public Works Bills	21.94
Allowance Police Department	6.65
Sale Material Police Department	84.00

Soldiers' Relief Petty Cash	25.00	
Care Soldiers' Graves	100.00	
Rent Property	47.25	
Allowance Assessors' Exp.	22.50	
PUBLIC SERVICE ENTERPRISES:		
Municipal Light Department:		
Sale Light and Power, etc.	358,196.74	
Miscellaneous Receipts	385.52	
Water Department:		
Sale Water, etc.	49,062.93	
Water Liens	579.24	
Water Liens Costs	37.68	
CEMETERIES:		
Sale Lots and Graves	682.50	
Interest	3.02	
Care Lots and Graves	2,400.75	
INTEREST:		
On Deferred Taxes	6,002.19	
On Deferred Betterments Assts.	607.03	
On Sewer Rentals	42.39	
On Motor Vehicle Excise	470.12	
On Tax Title Redemptions	2,369.45	
All Other	78.76	
Premium and Accrued Interest	270.00	
MUNICIPAL INDEBTEDNESS:		
Tax Title Loan	25,000.00	
County Hospital	6,000.00	
Anticipation Reimbursement Chap. 90.....	29,000.00	
Storm Emergency	13,000.00	
Municipal Light Department Storm Emerg.	25,000.00	
Elementary School Building	110,000.00	
Anticipation of Revenue	725,000.00	
Municipal Relief	35,000.00	
		<hr/>
		\$968,000.00
AGENCY TRUST & INVESTMENT:		
Guarantee Deposits:		
Sewer House Connections	903.75	
Sidewalk and Curbing	295.86	
Cemetery Lots Repairs	205.00	
Hospital Fund:		
Income	2,160.76	
For Transfer	5,000.00	

Cemetery Bequest Fund:		
Bequests	2,280.00	
Income	750.00	
For Transfer	2,290.48	
R. H. S. Scholarship Fund:		
Income	135.83	
For Transfer	120.00	
Special Funds:		
Dog License Fees from Town Clerk ..	1,823.60	
Public Welfare Special	7.02	
Baseball	14.00	
REFUNDS:		
Collector's Expenses	15.75	
Assessors' Expenses	20.72	
Election and Registration	5.25	
Unpaid Bills	2.80	
Insurance Account	161.17	
W. P. A. Materials	5.35	
Interest Account Water Department .....	.83	
Public Welfare, General Aid	538.65	
Old Age Assistance	393.62	
Soldiers' Relief	60.00	
School Dept. General Maintenance	2.36	
School Cafeterias	84.50	
Municipal Light Department	50.75	
Land Court	295.75	
Fire Alarm	2.54	
Fire Department	10.85	
Municipal Light Department	1,560.07	3,210.96
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Total Receipts		\$2,285,805.57
Cash Balance Jan. 1, 1938		175,970.34
		<hr/>
		\$2,461,775.91

RECAPITULATION OF RECEIPTS

General Revenue:	
Taxes, Town	\$554,035.59
Taxes, State	68,372.63
Licenses, Permits, Fines, etc.	1,476.82
Grants and Gifts	70,935.31
All Other	1,347.36
Special Assessments	12,787.07
Motor Vehicle Excise Taxes	25,437.81
Departmental Accounts Receivable ..	69,598.65
Federal Grants	33,670.24

Unclassified	42,841.66
Public Service Enterprises:	
Municipal Light Department	358,582.26
Municipal Water Department	49,679.85
Premium and Interest	9,843.06
Municipal Indebtedness	968,000.00
Agency Trust and Investment	15,986.30
Refunds	3,210.96

\$2,285,805.57

PAYMENTS FOR 1938

General Government

Selectmen's Expenses	\$ 505.78
Selectmen's Clerical	1,310.00
Town Accountant's Salary	2,000.00
Treasurer's Salary	1,200.00
Treasurer's Expenses	650.28
Treasurer's Clerical	316.75
Collector's Salary	2,300.00
Collector's Expenses	1,192.22
Collector's Clerical	630.13
Assessors' Salaries	1,800.00
Assessors' Expenses	1,924.12
Assessors' Clerical	2,444.00
Block System Survey	257.75
Town Counsel's Salary	1,000.00
Town Counsel's Expenses	468.32
Town Clerk's Salary	350.00
Town Clerk's Expenses	575.15
Registrars' Salaries	250.00
Registrars' Expense Special	240.93
Election and Registration Expenses.....	2,148.11
Planning Board Expenses	855.85
Municipal Building Maintenance	2,382.00
Miscellaneous Expenses	3,647.09

\$ 28,448.48

Protection of Persons and Property

Police Department Salaries	\$ 35,656.00
Police Department Maintenance	5,269.59
Police Department Two-way Radio	2,897.00
Police Station Maintenance	1,196.23
Fire Department Salaries	19,801.47
Fire Department Call Men Salaries	3,646.00

O. O. Ordway Pension	1,300.00
Fire Department Maintenance	3,976.53
Fire Stations Maintenance	1,076.23
Fire Alarm Maintenance	1,623.20
Fire Alarm Boxes	323.95
Fire Alarm Extension	949.44
Hydrant Rentals	1,600.00
Moth Department	4,484.79
Tree Warden Maintenance	1,985.73
Inspector of Buildings Salary	500.00
Inspector of Wires Salary	200.00
Sealer of Weights and Measures Expenses.....	270.15
Sealer of Weights and Measures Salary.....	500.00
Game Warden Salary	100.00
Dog Officer	300.00

\$ 87,656.31

Health and Sanitation

Board of Health Salaries	\$ 300.00
Board of Health Expenses	219.88
Inspector of Plumbing Salary	565.25
Inspector of Animals Salary	200.00
Inspector of Milk and Food Salary	200.00
Care Contagious Diseases	5,468.26
Garbage Collection	2,500.00
Dental Clinic	500.00
Child Welfare	400.00

\$ 10,353.39

Charities and Aid

Administrative Expenses	\$ 6,459.27
Aid, Board and Care and Temporary Aid.....	51,990.94
Aid to Dependent Children	17,682.72
Aid to Dependent Children Federal Grants.....	3,879.51
Old Age Assistance	40,966.50
Old Age Assistance Federal Grants	29,790.73

\$150,769.67

Soldiers' Benefits

State Aid	\$ 515.00
Military Aid	742.80
Soldiers' Relief	13,457.67

\$ 14,715.47

Public Works Department

Salaries and Office Expenses	\$ 6,333.64
Highway Department Maintenance	43,831.01
Woburn Street Construction Chapter 90.....	16,723.53
Lowell Street Construction Chapter 90.....	10,149.80
Highway Maintenance, Chapter 90.....	3,020.87
Sidewalk Construction	6,545.00
Snow and Ice Removal	13,975.63
Maintenance Storm Drains	2,000.00
Development Storm Drains	6,399.67
Sewer Department H. C.	1,181.03
Sewer Department Maintenance	10,419.76
Water Department Maintenance	54,208.73
Park Department	3,477.50
Drinking Fountains	100.00
High Street Construction	1,500.00
Waverly Road Lay-out and Construction	587.29
Lawrence Road Lay-out and Construction	1,984.98
Municipal Garage	4,130.18
Care of John Street Dump	1,198.49
Oak Ridge Road Lay Out and Construction....	112.75
Pine Ridge Road Lay Out and Construction...	67.00
Granger Avenue Lay Out and Construction....	10.65
Sylvan Road Lay Out and Construction.....	44.50
Highway Fund, Chapter 500, Acts 1938	461.27

\$188,463.28

Special Account for Labor

13,000.00

Street Lighting

15,000.00

Education

School Department General Salaries	\$189,015.83
School Department General Maintenance	44,855.00
School Cafeterias	9,930.77
School Department Vocational Tuition	1,173.05

\$244,974.65

Public Library Salaries

5,195.00

Public Library Maintenance

2,999.20

\$ 8,194.20**Cemeteries**

Laurel Hill Cemetery	\$ 12,000.63
Forest Glen Cemetery	989.00

\$ 12,989.63

Memorial Day Observance		\$ 595.37
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Debt and Interest

Interest, not including Water, Light and Sewer	\$ 3,862.72
Maturing Debt, not including Water and Light	29,000.00
Insurance ..	11,011.29

\$ 43,874.01

Unclassified

W. P. A. Materials	\$ 38,189.28
Municipal Advertising	103.27
Morrison Fund	61.12
World War Memorial Fund	91.00
Care Soldiers' Graves	600.00
Rent American Legion Quarters	1,000.00
Town Forest Development	300.00
Unpaid Bills 1937	6,673.89
Land Court Expense	468.23
Elementary School Building	6,835.16
Storm Emergency	12,897.94
Middlesex County T. B. Hospital, Acts 1932....	7,670.52
Middlesex County T. B. Hospital, Acts 1935....	6,250.37
Personal Injury, Oscar H. Low	338.15
Personal Injury, Frederick S. Channonhouse ..	500.00

\$ 81,978.93

Tailings	\$ 678.73
Taxes 1936 Refunds	83.22
Taxes 1937 Refunds	112.77
Taxes 1938 Refunds	861.30
Motor Vehicle Excise 1937 Refunds	104.97
Motor Vehicle Excise 1938 Refunds	476.15
School Department Cash	25.00
Tax Titles	362.39
Water Department Accounts Receivable	115.35
Tax Title Loan Reserve	8,078.18
Estimated Receipts	21.79
Old Age Assistance Account	31.33
Moth and Tree Work 1937	1.00

\$ 10,952.18

Municipal Light Department	\$386,869.00
Hospital Fund	\$ 6,757.42
Cemetery Bequest Fund	3,405.00
R. H. S. Scholarship Fund	255.83

\$ 10,418.25

Premium and Interest	\$ 60.35	
Guarantee Deposits S. & C.	89.06	
Guarantee Deposits Cemetery Work	4.00	
Guarantee Deposits Sewer H. C.	241.25	
Dog License Fees from Town Clerk	1,800.20	
		\$ 2,194.86
County Tax	\$ 25,848.01	
Met. Sewer Asst.	9,619.64	
State Tax	43,350.00	
State Parks and Reservations	481.72	
Temp. Loan Ant. Reimb. State and County....	21,200.00	
		\$100,499.37
Temp. Loans Antic. Revenue	\$700,000.00	
Refunds	3,210.96	
		\$703,210.96
Total Payments		\$2,115,158.01
Cash Balance December 31, 1938		346,616.90
Grand Total		\$2,461,774.91
RECAPITULATION OF PAYMENTS		
Departmental Expenditures		\$695,092.76
Public Service Enterprises:		
Municipal Light Department	\$386,869.00	
Water Department	54,208.73	441,077.73
Sewer Department		10,419.76
W. P. A. Materials		38,189.28
Municipal Garage		4,130.18
Highway Construction and Maintenance, Chapter 90.....		29,894.20
Storm Emergency		12,897.94
Elementary School Building		6,835.16
Interest, not including Light, Water and Sewer.....		3,862.72
Funded Debt, not including Light and Water		29,000.00
Temporary Loans, antic. Revenue		700,000.00
Temporary Loans, antic. Reimbursement		21,200.00
Tax Title Loan		8,078.18
Agency, Trust and Investment		12,613.11
State and County Taxes		93,320.26
Unclassified		3,240.50
Refunds		5,406.23
		\$2,115,158.01

APPROPRIATIONS 1938

General Government

Selectmen's Expenses	\$ 600.00
Selectmen's Clerical	1,310.00
Town Accountant's Salary	2,000.00
Treasurer's Salary	1,200.00
Treasurer's Expenses	700.00
Treasurer's Clerical	300.00
Collector's Salary	2,300.00
Collector's Expenses	1,000.00
Collector's Clerical	500.00
Assessors' Salaries	1,800.00
Assessors' Expenses	2,000.00
Assessors' Clerical	2,444.00
Block System Survey	150.00
Town Counsel's Salary	1,000.00
Town Counsel's Expenses	350.00
Town Clerk's Salary	350.00
Town Clerk's Expenses	650.00
Registrars' Salaries	250.00
Election and Registration Expenses	1,800.00
Planning Board Expenses	1,000.00
Miscellaneous Expenses	3,550.00
Municipal Building Maintenance	2,400.00

\$ 27,654.00

Protection of Persons and Property

Police Department Salaries	\$ 35,740.00
Police Department Maintenance	5,275.00
Police Station Maintenance	1,200.00
Fire Department Salaries	19,920.00
Fire Department Call Men	3,672.00
O. O. Ordway Pension	1,300.00
Fire Department Maintenance	3,990.00
Fire Stations Maintenance	1,100.00
Fire Alarm Maintenance	1,625.00
Fire Alarm New Boxes	325.00
Fire Alarm Extension, Article 15	950.00
Hydrant Rentals	1,600.00
Moth Department	4,500.00
Tree Warden Maintenance	2,000.00
Inspector of Buildings Salary	500.00
Inspector of Wires Salary	200.00
Sealer of Weights and Measures Salary	500.00

Sealer of Weights and Measures Expenses....	288.00	
Game Warden Salary	100.00	
Dog Officer Salary	300.00	
		<hr/>
		\$ 85,085.00

Health and Sanitation

Board of Health Salaries	\$ 300.00	
Board of Health Expenses	250.00	
Inspector of Plumbing Salary	565.25	
Inspector of Animals Salary	200.00	
Inspector of Milk and Food Salary	200.00	
Care of Contagious Diseases	5,500.00	
Garbage Collection	2,500.00	
Dental Clinic	500.00	
Child Welfare, Article 36	400.00	
		<hr/>
		\$ 10,415.25

Charities and Aid

Administrative Expense	\$ 7,500.00	
General Aid	45,000.00	
Aid to Dependent Children	18,000.00	
Old Age Assistance	39,000.00	
		<hr/>
		\$ 109,500.00

Soldiers' Benefits

State Aid	\$ 500.00	
Military Aid	500.00	
Soldiers' Relief	13,000.00	
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		\$ 14,000.00

Public Works

Administrative Expense	\$ 6,335.00	
Highway Department	44,500.00	
Snow and Ice Removal	11,450.00	
Sidewalk Construction	5,020.00	
Drainage Construction, Article 24	6,400.00	
Maintenance Storm Drains	2,000.00	
Maintenance of Town Dump, Article 25.....	1,200.00	
Woburn Street Construction, Chap. 90, Art. 26	4,500.00	
Lowell Street Construction, Chap. 90, Art. 27...	4,500.00	
High Street from Woburn Street South, Art. 31	1,500.00	
Park Department	3,500.00	
Sewer Department Maintenance	11,410.00	
Sewer Department House Connections	1,000.00	

Water Department	55,325.00	
Drinking Fountains	100.00	
Granger Avenue Layout, Article 30	798.40	
Special Account for Labor	13,000.00	
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		\$172,538.40
Street Lighting		\$ 15,000.00
Education		
School Department General Salaries	\$191,500.00	
School Department General Maintenance	41,379.00	
School Industrial Tuition	1,600.00	
School Cafeterias, Article 22	12,000.00	
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		\$246,479.00
Public Library Salaries	\$ 5,195.00	
Public Library Maintenance	3,000.00	
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		\$ 8,195.00
Cemeteries		
Laurel Hill Cemetery	\$ 7,650.00	
Forest Glen Cemetery	1,000.00	
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		\$ 8,650.00
Memorial Day Observance		\$ 600.00
Interest, not including Water, Light and Sewer	\$ 5,544.25	
Maturing Debt, not including Water and Light	29,000.00	
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		\$ 34,544.25
Insurance	\$ 11,657.06	
W. P. A. Materials, Article 18	25,000.00	
Reserve Fund, Article 7	5,000.00	
Land Court Expenses, Article 6	500.00	
Personal Injuries, Oscar H. Low, Article 34....	338.15	
Personal Injuries, F. S. Channonhouse, Art. 19	500.00	
Two-way Radio, Article 14	2,300.00	
Middlesex County T. B. Hospital, Article 10....	7,670.52	
Middlesex County T. B. Hosp., Art. 11 (Spec.)	6,250.37	
Unpaid Bills 1937, Article 8	6,700.00	
Care Soldiers' Graves, Article 9	600.00	
Overdraft, School Tuition, Article 13	52.35	
Town Forest, Article 35	300.00	
Rent Legion Quarters, Article 37	1,000.00	
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		\$ 67,868.45
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Total Appropriations		\$800,529.35

Less Water Department	\$ 55,325.00	
Less Sewer Department	11,413.00	
Less W. P. A. Loan	25,000.00	
Less Hospital Loan	6,000.00	
Less Overlay Reserve	5,000.00	
Less E. & D. for Debt	9,000.00	
		<hr/>
		111,735.00
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Net Appropriations		\$688,794.35

VALUATION

Real Estate	\$ 16,095,815	
Personal Estate	694,754	
		<hr/>
		\$16,790,569

TAXES

Real Estate	\$523,113.99	
Personal Estate	22,579.50	
Fractional Divisions	4.36	
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		\$545,697.85
Poll Taxes:		
3120 at \$2.00		\$ 6,240.00
		<hr/>
		\$551,937.85

APPROPRIATIONS

Total Appropriations 1938		\$800,529.35
Overlay Deficit 1937		536.94
State Tax 1938	\$ 20,400.00	
Under Estimate 1937	1,822.50	22,222.50
State Parks and Reservations 1938	436.95	
Under Estimate 1937	125.84	562.79
Metropolitan Sewer Asst.		10,132.82
County Tax 1938	25,811.62	
Under Estimate 1937	283.08	26,094.70
Overlay 1938		6,353.75
		<hr/>
		\$866,432.85

Estimated Receipts and Available Funds

Income Tax	\$ 53,051.84	
Corporation Taxes	12,210.68	
Motor Vehicle Excise Tax	20,451.67	
Licenses	1,088.00	
Fines	100.00	
Special Assessments	3,550.00	
General Government	3,500.00	
Health and Sanitation	6,300.00	
O. A. A. other than Federal Grants.....	51,000.00	
Soldiers' Benefits	580.00	
Schools	14,300.00	
Libraries	400.00	
Cafeteria Receipts	12,000.00	
Public Service Enterprises:		
Water, Sewer, Light	86,735.00	
Cemeteries, other than Trust Funds and sale of lots	2,800.00	
Overlay Reserve	5,000.00	
Interest on Taxes and Assessments	6,900.00	
Veterans' Exemptions	372.64	
W. P. A. Loan	25,000.00	
		<hr/>
		\$305,339.83
Overestimate Metropolitan Sewer Asst. 1937...	155.17	
Available Funds Voted May 4, 1938.....	9,000.00	
		<hr/>
		\$314,495.00
		<hr/>
		\$551,937.85

ACCOUNTING TAXES AND ASSESSMENTS

	Uncoll. Jan. 1, 1938	Committ- ted 1938	Abated and Appor'n	Refunded	To Tax Titles	Collected	Uncoll. Dec. 31, 1938
Taxes 1938		\$552,004.17	\$ 3,263.29	\$ 861.30		\$383,087.28	\$166,514.90
Prior Years	\$190,252.97	2.00	758.15	195.99	\$ 5,266.46	151,209.26	33,217.09
Motor Vehicle Excise 1938		22,433.74	1,121.67	476.15		20,783.88	1,024.34
Prior Years	7,286.68	176.76	51.67	104.97		4,653.93	2,802.81
Moth and Tree Work 1938		583.75				364.25	219.50
Prior Years	212.50				1.50	166.50	44.50
Sewer Ass't. Unappor'n.	453.82	723.98	369.82			334.09	473.89
Sewer Ass't. and Int. 1938		376.59				184.61	191.98
Prior Years	154.24				11.86	130.78	11.60
Sewer Rentals	1,290.63	8,354.48	25.00		66.16	7,901.57	1,652.38
Sidewalk Ass't. Unappor'n.	2,064.90	2,379.68	1,622.37			976.82	1,845.39
Sidewalk Ass't. and Int. 1938		957.49				635.53	321.96
Prior Years	189.38					177.59	11.79
Highway Ass't. Unappor'n.	5,928.51	2,587.64	5,482.32			666.70	2,367.13
Highway Ass't. and Int. 1938		1,929.66				1,005.30	924.36
Prior Years	649.61				22.45	516.61	111.05
Water Liens	550.27	892.91	364.21			329.59	749.38
Water Liens added to Taxes	126.70	417.55			9.78	249.65	284.82

ACCOUNTING DEFERRED PAYMENTS

	Balance Jan. 1, 1938	Committed	On Property Foreclosed	Collected	To Taxes	Balance Dec. 31, 1938
Sewer Assessments	\$ 1,041.16	\$ 369.82	\$ 85.58	\$ 16.24	\$ 304.99	\$ 1,004.17
Sidewalk Assessments	1,738.20	1,622.37		74.46	788.04	2,498.07
Highway Assessments	4,914.76	5,482.32	65.24	257.46	1,426.73	8,647.65

ACCOUNTING CEMETERY LOTS AND BEQUESTS

	Balance Jan. 1, '38	Sales	Bequests	Payments
Cemetery Lots	\$ 62.50	\$ 125.00		\$ 187.50
Cemetery Bequests	50.00		\$ 100.00	150.00

ACCOUNTING RESERVES

	Balance Jan. 1, '38	Credits 1938	Appro. and Transfers 1938	Balance Dec. 31, '38
Cemetery	\$ 7,544.03	\$ 685.52	\$ 2,000.00	\$ 6,229.55
Water	1,909.23	579.24	1,909.23	579.24
Sewer	658.16		658.16	

ACCOUNTING OVERLAYS

	Balance Jan. 1, '38	Appro. 1938	Abate- ments 1938	Trans to Overlay Res.	Balance Dec. 31, '38
1934 ...	\$ 69.00			\$ 21.00	\$ 48.00
1935 ...	746.48		\$ 48.00	482.38	216.10
1936 ...	536.94	Dr. 536.94	335.78		335.78 Dr.
1937 ...	504.76		374.37		130.39
1938 ...		6,353.75	3,263.29		3,090.46

OVERLAY RESERVE

Balance Jan. 1, '38	Trans. from Overlays	Transfer to Res. Fd.	Balance Dec. 31, '38
\$ 5,325.00	\$ 503.38	\$ 5,000.00	\$ 828.38

DEPARTMENTAL ACCOUNTS RECEIVABLE

Balance Jan. 1, 1938	\$ 31,572.14
Charges 1938	70,346.19
Receipts	\$ 69,598.65
Credits and Adjustments	353.49
Committed to Collector	583.75
Balance Dec. 31, 1938	31,407.27
	<hr/>
	\$101,943.16
	<hr/>
	\$101,943.16

WATER DEPARTMENT ACCOUNTS RECEIVABLE

Balance Jan. 1, 1938	\$ 1,814.69
Charges, Meter Rates, etc.	50,487.66
Refunds	115.35
Receipts, Meter Rates, etc.	\$ 49,062.93
Abatements	231.72
Transferred to Water Liens Account	841.11
Balance Dec. 31, 1938	2,281.94
	<hr/>
	\$ 52,417.70
	<hr/>
	\$ 52,417.70

MUNICIPAL LIGHT DEPARTMENT ACCOUNTS RECEIVABLE

Balance Jan. 1, 1938	\$ 37,054.58	
Charges, Light and Power Rates	389,269.16	
Receipts, Light and Power Rates		\$358,196.74
Discounts and Credits		27,008.51
Balance Dec. 31, 1938		41,118.49
	<hr/>	<hr/>
	\$426,323.74	\$426,323.74

MUNICIPAL LIGHT DEPARTMENT NOTES RECEIVABLE

Balance Jan. 1, 1938	\$ 785.18	
Adjustments		\$ 356.75
Balance Dec. 31, 1938		428.43
	<hr/>	<hr/>
	\$ 785.18	\$ 785.18

MUNICIPAL LIGHT DEPARTMENT, CONSUMERS' DEPOSIT FUND

Balance Jan. 1, 1938	\$ 8,730.81	
Receipts	3,985.50	
Refunds		\$ 3,386.77
Balance Dec. 31, 1938		9,329.54
	<hr/>	<hr/>
	\$ 12,716.31	\$12,716.31

TAX TITLE ACCOUNT

Balance Jan. 1, 1938			\$ 25,613.13
Taxes, costs, etc., on property taken:			
	1936	1937	
Taxes and Costs	\$ 3,369.74	\$ 2,344.30	
Sewer Rentals	25.56	40.60	
Water Liens		9.78	
Highway Betterment and Interest .	11.49	10.96	
Moth .....	.50	1.00	
Sewer Asst. and Interest	6.08	5.78	
	<hr/>	<hr/>	
	\$ 3,413.37	\$ 2,412.42	5,825.79
			<hr/>
			\$ 31,438.92
Refunds			603.43
			<hr/>
			\$ 32,042.35

Receipts—Redemption of Property.....	\$ 19,932.05	
Taxes, etc., on Property Foreclosed	855.76	
Adjustments .....	.50	
Balance Dec. 31, 1938	11,254.04	
	<hr/>	\$ 32,042.35

TAX POSSESSIONS

Tax Titles Foreclosed

Taxes on property foreclosed Jan. 1, 1937.....	\$ 5,859.47	
Taxes on property foreclosed in 1938	855.76	
Taxes on property sold in 1938		\$ 1,920.71
Balance Dec. 31, 1938		4,794.52
	<hr/>	<hr/>
	\$ 6,715.23	\$ 6,715.23

EXCESS AND DEFICIENCY ACCOUNT

Balance Jan. 1, 1938		\$ 57,128.27
Receipts, Redemption of Property		19,656.26
Additional Commitments		72.32
Adjustments		155.67
Transferred from General Appropriations		18,290.43
Transferred to Appropriation Accounts.....	\$ 11,925.00	
Transferred to Tax Title Loan Reserve	16,597.77	
Transferred from Tax Title Account	5,266.46	
Refund	270.00	
Balance Dec. 31, 1938	61,243.72	
	<hr/>	<hr/>
	\$ 95,302.95	\$ 95,302.95

ESTIMATED RECEIPTS

General Receipts	\$135,497.48	
Income Tax	55,051.84	
Corporation Tax	12,210.68	
Water Department	53,415.77	
Sewer Department	10,751.84	
Refunds	21.79	
Adjustment	235.16	
Transfer to General Appropriation	10,842.18	
General Receipts		\$151,731.75
Income Tax		53,435.86
Corporation Tax, etc.		14,579.97
Water Department		49,062.95
Sewer Department		9,216.21
	<hr/>	<hr/>
	\$278,026.74	\$278,026.74

GENERAL APPROPRIATIONS

Appropriations	\$688,794.35	
Water Department	53,415.77	
Sewer Department	10,751.84	
Overlay Deficit	536.94	
State Taxes and Assessments	32,918.11	
County Tax	26,094.70	
Overlay	6,353.75	
Transfer to E. & D. Account	18,290.28	
Taxes Committed:		
Poll		\$ 6,240.00
Personal Estate		22,580.11
Real Estate		523,117.74
Estimated Receipts		266,927.61
Transfer to Appropriation Balance		7,448.10
Transfer from Water Reserve		579.24
Transfer from Estimated Receipts		10,262.94
	<hr/>	<hr/>
	\$837,155.74	\$837,155.74

APPROPRIATION ACCOUNTS

General Government:

Selectmen's Expenses, Appropriation		\$ 600.00
Telephone	\$ 147.40	
Advertising Hearings and Printing	154.85	
Stationery and Postage	29.58	
Office Equipment	39.33	
Towel Supply	15.60	
Signs	22.62	
Selectmen's Association	11.00	
Perambulating Town Bounds	45.00	
All Other	40.40	
	<hr/>	
Total Payments	\$ 505.78	
Balance to Revenue	94.22	
	<hr/>	
	\$ 600.00	
Selectmen's Clerical, Appropriation		\$ 1,310.00
L. G. Bent	\$ 1,310.00	
Town Accountant's Salary, Appropriation		\$ 2,000.00
L. G. Bent	\$ 2,000.00	
Treasurer's Salary, Appropriation		\$ 1,200.00
Preston F. Nichols	\$ 1,200.00	

Treasurer's Expenses, Appropriation		\$	700.00
Telephone	\$	65.99	
Printing and Postage		214.44	
Stationery and Supplies		39.30	
Office Equipment		195.65	
Certification of Notes		96.40	
Rent of Deposit Box		20.00	
All Others		18.50	
Total Payments	\$	650.28	
Balance to Revenue		49.72	
	\$	700.00	
Treasurer's Clerical Appropriation		\$	300.00
Transfer from Reserve Fund			50.00
Total Payments	\$	316.75	
Balance to Revenue		33.25	
	\$	350.00	
Collector's Salary, Appropriation		\$	2,300.00
Grace V. Viall	\$	2,300.00	
Collector's Expenses, Appropriation		\$	1,000.00
Transfer from Reserve Fund			250.00
		\$	1,250.00
Stationery and Postage	\$	474.32	
Printing and Advertising		142.25	
Bond—Deputy Collector		10.00	
Telephone		57.95	
Registration of Deeds		74.28	
Office Equipment		160.47	
Towel Supply		8.40	
Books		261.45	
All Other		3.10	
Total Payments	\$	1,192.22	
Balance to Revenue		57.78	
	\$	1,250.00	
Collector's Clerical, Appropriation		\$	500.00
Transfer from Reserve Fund			150.00
		\$	650.00
Total Payments	\$	630.13	
Balance to Revenue		19.87	
	\$	650.00	

Board of Assessors' Salaries, Appropriation....		\$ 1,800.00
Total Payments	\$ 1,800.00	
Board of Assessors' Expenses, Appropriation..		\$ 2,000.00
Assistant Assessors	\$ 407.50	
Telephone	61.33	
Stationery and Printing	334.71	
Street List	756.50	
Auto Hire and Transportation	90.35	
Registry of Deeds	42.36	
Towel Supply	8.40	
Office Equipment	154.39	
All Other	68.58	
	<hr/>	
Total Payments	\$ 1,924.12	
Balance to Revenue	75.88	
	<hr/>	
	\$ 2,000.00	
Assessors' Clerical, Appropriation		\$ 2,444.00
Total Payments	\$ 2,444.00	
Block System Survey, Appropriation		\$ 150.00
Balance from 1937		108.52
		<hr/>
		\$ 258.52
Total Payments	\$ 257.75	
Balance to 1938 .....	.77	
	<hr/>	
	\$ 258.52	
Town Counsel's Salary, Appropriation		\$ 1,000.00
Samuel H. Davis	\$ 1,000.00	
Town Counsel's Expenses, Appropriation		\$ 350.00
Transfer from Reserve Fund		120.00
		<hr/>
		\$ 470.00
Stenographic Services	282.01	
Telephone calls, postage, recording deeds, etc.	137.54	
Court Costs and Witness Fees	23.30	
Medical Examinations	21.34	
All Other	4.13	
	<hr/>	
Total Payments	\$ 468.32	
Balance to Revenue	1.68	
	<hr/>	
	\$ 470.00	

Town Clerk's Salary, Appropriation		\$	350.00
Millard F. Charles	\$	350.00	
Town Clerk's Expenses, Appropriation		\$	650.00
Vital Statistics	\$	378.00	
Stationery and Printing		126.65	
Copying		70.50	
Total Payments	\$	575.15	
Balance to Revenue		74.85	
	\$	650.00	
Board of Registrars' Salaries, Appropriation ..		\$	250.00
Total Payments	\$	250.00	
Election and Registration Expenses, Appro....		\$	1,800.00
Transfer from Reserve Fund			400.00
		\$	2,200.00
Election Officers	\$	1,178.60	
Advertising and Printing		596.04	
Rent of Hall		240.00	
Instal., Booths and Equipment		125.81	
All Other		7.66	
Total Payments	\$	2,148.11	
Balance to Revenue		51.89	
	\$	2,200.00	
Registrars' Expenses, Special Account		\$	250.00
Transfer from Reserve Fund			250.00
		\$	500.00
Stationery	\$	41.68	
Office Equipment		198.00	
All Other		1.25	
Total Payments	\$	240.93	
Balance to Revenue		9.07	
	\$	500.00	
Planning Board Expenses, Appropriation.....		\$	1,000.00
Stationery and Printing	\$	218.00	
Blueprints, etc.		59.03	
Clerical		77.50	

Revising Zoning Map, etc.	500.00	
All Other	1.32	
Total Payments	\$ 855.85	
Balance to Revenue	144.15	
	\$ 1,000.00	
Miscellaneous Expenses, Appropriation		\$ 3,550.00
Transfer from Reserve Fund		100.00
		\$ 3,650.00
Printing Town Report	\$ 1,303.20	
Stationery and Printing	236.68	
Care and Lighting Old South Clock	168.72	
Finance Committee Expenses	150.88	
Board of Appeal Expenses	61.10	
Inspector of Wires Expenses	142.25	
Clerical	1,149.66	
Damage Suit	165.00	
Office Equipment	62.27	
Travel Expenses	174.95	
All Other	32.38	
Total Payments	\$ 3,647.09	
Balance to Revenue	2.91	
	\$ 3,650.00	
Municipal Building Maintenance, Appropriation		\$ 2,400.00
Janitor's Services	\$ 1,040.00	
Janitor's Supplies	107.28	
Fuel	309.18	
Light	292.49	
Water and Sewer	51.30	
Ash Removal	7.14	
Furniture	174.14	
Repairs	307.29	
Grounds	90.00	
All Other	3.18	
Total Payments	\$ 2,382.00	
Balance to Revenue	18.00	
	\$ 2,400.00	

Protection of Persons and Property:

Police Department Salaries, Appropriation.....		\$ 35,740.00
Pay Rolls	\$ 35,656.00	
Balance to Revenue	84.00	
	<hr/>	
	\$ 35,740.00	
Police Department Maintenance, Appropriation		\$ 5,275.00
Chief's Expenses	\$ 65.91	
Telephone	188.32	
Gas and Oil	725.86	
Traffic Lights and Beacons	693.74	
Traffic Lines and Signs	423.49	
Radio and Signal Repairs	17.25	
Printing and Stationery	90.40	
Coats, Caps, etc.	162.19	
Auto and Motorcycle Repairs	417.24	
Target Practice	64.30	
Station Signals	181.61	
Laundry	22.72	
Teletype	596.93	
New Radio Installation	22.90	
Radio Broadcast	200.00	
Revolvers	418.73	
New Autos	978.00	
	<hr/>	
Total Payments	\$ 5,269.59	
Balance to Revenue	5.41	
	<hr/>	
	\$ 5,275.00	
Police Station Maintenance, Appropriation.....		\$ 1,200.00
Water and Sewer	\$ 67.80	
Light	131.13	
Fuel	301.59	
Janitor's Salary	600.00	
Janitor's Supplies	71.37	
Repairs	24.34	
	<hr/>	
Total Payments	\$ 1,196.23	
Balance to Revenue	3.77	
	<hr/>	
	\$ 1,200.00	
Two-Way Radio, Appropriation		\$ 3,000.00
Total Payments	\$ 2,897.00	
Balance to Revenue	103.00	
	<hr/>	
	\$ 3,000.00	

Fire Department Salaries, Appropriation		\$ 19,920.00
Pay Rolls	\$ 19,801.47	
Balance to Revenue	118.53	
	<hr/>	
	\$ 19,920.00	
Fire Department Call Men Salaries, Appro.....		\$ 3,672.00
Pay Rolls	\$ 3,646.00	
Balance to Revenue	26.00	
	<hr/>	
	\$ 3,672.00	
O. O. Ordway Pension, Appropriation		\$ 1,300.00
O. O. Ordway	\$ 1,300.00	
Fire Department Maintenance, Appropriation..		\$ 3,990.00
Chief's Expenses	\$ 27.48	
Telephone	188.19	
Laundry	215.14	
Bedding	30.54	
Auto Expense and Repairs	786.59	
Other Equipment Repairs	63.69	
Auto Gas and Oil	423.93	
New Hose	681.38	
New Appliances	506.78	
Equipment and Supplies	616.50	
Office Expenses	62.51	
Rubber Boots and Coats, etc	236.39	
Forest Fires Expense	64.00	
Deputy Warden	15.00	
All Other	58.41	
	<hr/>	
Total Payments	\$ 3,976.53	
Balance to Revenue	13.47	
	<hr/>	
	\$ 3,990.00	
Fire Stations Maintenance, Appropriation.....		\$ 1,100.00
Central Station:		
Fuel	\$ 248.81	
Gas	33.55	
Repairs to Building	264.01	
Lighting	73.94	
Water and Sewer	33.11	
Supplies	121.62	
	<hr/>	
	\$ 775.04	

Engine No. 2 Station:

Fuel	\$ 147.65
Repairs to Building	57.30
Lighting	16.80
Water and Sewer	14.45
Supplies	64.99

\$ 301.19

Total Payments \$ 1,076.23

Balance to Revenue 23.77

\$ 1,100.00

Fire Alarm Maintenance, Appropriation \$ 1,625.00

Superintendent's Salary \$ 250.00

Pay Roll 731.90

Automobile Expenses 39.28

Supplies, Equipment and Material 543.43

Power and Lighting 54.54

All Other 4.05

Total Payments \$ 1,623.20

Balance to Revenue 1.80

\$ 1,625.00

Fire Alarm New Boxes, Appropriation \$ 325.00

Total Payments \$ 323.95

Balance to Revenue 1.05

\$ 325.00

Fire Alarm Extension, Appropriation \$ 950.00

Payments \$ 949.44

Balance to Revenue56

\$ 950.00

Moth Department Maintenance, Appropriation. \$ 4,500.00

Superintendent's Salary \$ 1,800.00

Pay Roll 1,329.79

Telephone 31.09

Auto and Spraying Machine Expense..... 252.53

Rent 144.00

Supplies 615.53

Printing and Postage 17.25

Truck Hire	186.25	
Hose and Equipment	104.00	
All Other ..	4.35	
	<hr/>	
Total Payments	\$ 4,484.79	
Balance to Revenue	15.21	
	<hr/>	
	\$ 4,500.00	
Tree Warden Maintenance, Appropriation.....		\$ 2,000.00
Salary of Warden	\$ 400.00	
Pay Roll	1,340.28	
Equipment and Supplies	180.95	
Truck Hire	12.00	
Trees	52.50	
	<hr/>	
Total Payments	\$ 1,985.73	
Balance to Revenue	14.27	
	<hr/>	
	\$ 2,000.00	
Hydrant Rentals, Appropriation		\$ 1,600.00
Water Department	\$ 1,600.00	
Drinking Fountains, Appropriation		\$ 100.00
Water Department	\$ 100.00	
Inspector of Buildings Salary, Appropriation...		\$ 500.00
A. Russell Barnes	\$ 500.00	
Inspector of Wires Salary, Appropriation.....		\$ 200.00
A. C. Maxwell	\$ 200.00	
Sealer of Weights and Measures Salary, Appro.		\$ 500.00
Carl M. Smith	\$ 500.00	
Sealer of Wgts. and Meas. Expenses, Appro....		\$ 288.00
Transportation of Weights	\$ 170.00	
Supplies	100.15	
	<hr/>	
Total Payments	\$ 270.15	
Balance to Revenue	17.85	
	<hr/>	
	\$ 288.00	
Board of Health Salaries, Appropriation		\$ 300.00
Total Payments	\$ 300.00	
Board of Health Expenses, Appropriation.....		\$ 250.00
Telephone	\$ 48.11	
Printing and Stationery	30.30	
Inspector Milk and Food Expense	31.00	

Disposing of Animals	65.00	
Cesspool and Sewer Work	44.03	
All Other	1.44	
<hr/>		
Total Payments	\$ 219.88	
Balance to Revenue	30.12	
<hr/>		
	\$ 250.00	
Inspector of Plumbing Salary, Appropriation...		\$ 565.25
David Taggart	\$ 565.25	
Inspector of Milk and Food, Appropriation..		\$ 200.00
Carl M. Smith	\$ 200.00	
Game Warden Salary, Appropriation		\$ 100.00
James Putnam	\$ 100.00	
Dog Officer Salary, Appropriation		\$ 300.00
Charles H. Melendy	\$ 300.00	
Inspector of Animals Salary, Appropriation...		\$ 200.00
Bernard Schimpfke	\$ 200.00	
Care of Contagious Diseases, Appropriation...		\$ 5,500.00
North Reading State Sanitarium	476.00	
Middlesex County Sanitarium	2,209.50	
Massachusetts General Hospital	1,321.00	
Medical Care	517.00	
Health Inspection	254.34	
Rabies Inoculation	271.61	
City of Malden	84.00	
Supplies	113.66	
All Others	221.15	
<hr/>		
Total Payments	\$ 5,468.26	
Balance to Revenue	31.74	
<hr/>		
	\$ 5,500.00	
Garbage Collection, Appropriation		\$ 2,500.00
Total Payments	\$ 2,500.00	
Dental Clinic, Appropriation		\$ 500.00
Total Payments	\$ 500.00	
Child Welfare, Appropriation		\$ 400.00
Total Payments	\$ 400.00	
Street Lighting:		
Appropriation		\$ 15,000.00
Municipal Light Department	\$ 15,000.00	

GENERAL AID

General Aid, Appropriation		\$ 52,000.00
Transferred from Administrative		600.00
Cash Aid	\$ 14,754.41	
Payroll Labor	7,934.79	
Board	3,251.33	
Shelter	1,686.00	
Food	8,909.44	
Fuel and Light	2,481.06	
Medical and Hospital Care	5,681.73	
Clothing	648.99	
Household Necessities	132.88	
Massachusetts Hospital School	312.83	
Division of Child Guardianship	907.29	
Pondville State Hospital	67.50	
House of the Angel Guardian	27.00	
Burials	200.00	
Paid to Other Cities and Towns	3,559.49	
Unallocated Payments:		
Welfare Shoe Repair Project—Materials..	101.99	
Transportation of Recipients	182.16	
Trucking—including all Federal Commodity		
Forwarding	859.46	
Wood Yard Expense—Tools, Gasoline and		
Oil for Wood Saw	190.77	
Federal Surplus Commodity Distribution		
Center Expense:		
Assessment, Proportion Mass.		
Administrative Expense ...	150.00	
Federal Milk, Pasteurizing and		
Bottling at 2 cents a Quart	182.88	
Federal Butter, Weighing and		
Packing (on 7536 lbs.)	37.63	
Other	8.33	
	<hr/>	378.94
Reconditioning Land Loaned for Welfare		
Gardening	205.45	
Other Payments	56.03	
	<hr/>	\$ 52,529.59
Less Refunds and Credits	538.65	
	<hr/>	\$ 51,990.94
Balance to 1939 General Aid Account.....	609.06	
	<hr/>	\$ 52,600.00
		\$ 52,600.00

Public Welfare, Administrative, Appropriation..		\$ 7,500.00
Salaries:		
Supervisory and Clerical	\$ 2,201.50	
Visiting and Investigation	2,351.67	
Wood Yard and Truck Foreman	1,040.00	
Visitors' Expense, Travel	194.17	
Welfare Board and Supervisory, Expense..	200.41	
Office Supplies and Equipment	190.44	
Printing and Postage	104.45	
Telephone	144.50	
Fed. Surplus Commodities, Adm. Expense..	16.48	
Other	15.65	
	<hr/>	
	\$ 6,459.27	
Transfer to General Aid	600.00	
Transfer to Aid to Dependent Children....	400.00	
Balance to Revenue	40.73	
	<hr/>	
	\$ 7,500.00	\$ 7,500.00

AID TO DEPENDENT CHILDREN

Aid to Dependent Children, Appropriation		\$ 18,000.00
Transfer from Administrative		400.00
U. S. Grants, 1938		3,879.51
Expenditures:		
Regular Cash Allowances	19,746.35	
Special Cash Allowances:		
Medical:		
Doctors' Fees	\$ 396.00	
Nursing .....	.75	
Dental	192.62	
Optical	44.30	
Hospital Charges	308.80	
Medicine	82.14	1,024.61
	<hr/>	
Rent	565.00	
Fuel and Light	108.53	
Clothing	13.79	
Office Equipment	103.95	
	<hr/>	
	\$ 21,562.23	
Balance to Revenue	717.28	
	<hr/>	
	\$ 22,279.51	\$ 22,279.51

OLD AGE ASSISTANCE

Old Age Assistance, Appropriation		\$ 41,000.00
Federal Grants:		
Assistance		28,829.80
Administrative		960.93
		<hr/> \$ 70,790.73
Regular Cash Assistance	\$ 60,893.54	
Special Cash Allowances:		
Medical:		
Doctors' Fees	\$ 1,195.25	
Nursing	748.95	
Dental	33.00	
Optical	52.75	
Hospital Charges	885.37	
Medicine	634.97	3,550.29
		<hr/>
Fuel		677.75
Clothing		67.67
Household Necessities		42.71
Payments on Account of Deceased Persons:		
Burial Expense		690.68
Doctors' Charges and Nursing		449.24
Medicine		132.30
Board and Care		136.26
Clothing		4.09
Payments to Other Cities and Towns		1,062.17
Administrative:		
Salaries, Supt., Clerical and Inv.	3,120.00	
Office Supplies and Equipment	119.70	
Travel Expense	6.93	
Stationery and Printing	94.83	
Postage	34.00	
Telephone	65.19	
Miscellaneous	3.50	
		<hr/>
	\$ 71,150.85	
Less Refunds and Credits.....		393.62
		<hr/>
	\$ 70,757.23	
Balance to O. A. A. 1939 Account.....		33.50
		<hr/>
		\$ 70,790.73

SOLDIERS' BENEFITS

Soldiers' Relief, Appropriation		\$ 13,000.00
Transfer from Reserve Fund		200.00
Additional Appropriation		1,000.00
		<hr/>
		\$ 14,200.00
Cash Payments	\$ 9,580.01	
Work Payroll	181.25	
Food	607.76	
Fuel	483.25	
Medical, Medicine, etc.	1,049.64	
Clothing	84.68	
Rent	400.00	
Agent's Salary, etc.	581.89	
Office Supplies	57.25	
Board and Care	457.00	
Miscellaneous	22.88	
	<hr/>	
Total Payments	\$ 13,505.61	
Balance to 1939	742.33	
	<hr/>	
	\$ 14,200.00	
Military Aid, Appropriation		\$ 500.00
Transfer from Reserve Fund		300.00
		<hr/>
		\$ 800.00
Cash Payments	\$ 742.80	
Balance to Revenue	57.20	
	<hr/>	
	\$ 800.00	
State Aid, Appropriation		\$ 500.00
Transfer from Reserve Fund		15.00
		<hr/>
		\$ 515.00
Cash Payments	\$ 515.00	

W. P. A. EXPENDITURES JAN. 1—DEC. 30, 1933

Balance from 1937	\$ 8,478.10
Appropriation April, 1938	25,000.00
Appropriation Dec., 1938	25,000.00
	<hr/>
	\$ 58,478.10

Administration and Engineering

Salaries	\$ 3,646.50	
Supplies	208.28	
Postage	12.00	
Telephone	115.24	
Miscellaneous	35.50	
	<hr/>	\$ 4,017.52

Compensation Account

Gas and Oil	\$ 161.23	
Supplies	56.56	
Equipment	16.25	
	<hr/>	234.04

W. P. A. Building Account

Electricity	\$ 81.92	
Fuel	211.00	
Water	41.60	
Janitor Supplies	119.14	
Repairs	20.27	
Janitor Service	170.00	
Miscellaneous	14.94	
	<hr/>	658.87

Recreation

Equipment	\$ 212.60	
Supplies	218.14	
Rent	225.00	
Electricity	31.18	
Fuel	96.20	
Water	4.00	
Transportation	83.72	
Labor	293.00	
Miscellaneous	40.75	
	<hr/>	1,204.59

Street Survey

Equipment	\$ 57.86	
Supplies	276.36	
Gasoline	12.32	
Miscellaneous	1.94	
	<hr/>	348.48

Forest Glen Cemetery (old project)

Equipment (rental)	\$ 1,007.83	
Materials	2,897.14	
Tools	41.41	
Blasting	58.08	

Fuel (blacksmith)	2.00	
Water	5.00	
Labor	13.26	
Miscellaneous	4.10	
	<hr/>	4,028.82
Truck Account		
Repairs to Equipment	\$ 302.29	
Gas and Oil	447.81	
Tires and Tubes	141.90	
Truck Registrations	4.00	
New Equipment	1,740.00	
Miscellaneous	16.04	
	<hr/>	2,652.04
Indexing Public Records		
Supplies	\$ 43.25	
Miscellaneous .....	.25	
	<hr/>	43.50
Tool Account		
Tools	\$ 442.78	
Express	15.43	
	<hr/>	458.21
Veterans' Records		
Supplies	\$ 3.25	
Transportation	8.62	
	<hr/>	11.87
School Grounds		
Materials	\$ 728.16	
Equipment	483.50	
Miscellaneous	1.70	
	<hr/>	1,213.36
Storm Water Drain		
Equipment	\$ 382.55	
Materials	7,253.99	
Tools	242.83	
Labor	360.69	
Miscellaneous Supplies	150.88	
Blasting	12.65	
Miscellaneous	5.14	
	<hr/>	8,408.73
Tree Trimming		
Repairs to Equipment	\$ 3.50	
Equipment .....	.93	
Gas and Oil	16.66	
	<hr/>	21.09

Moth Project

Equipment	\$	695.77	
Supplies		421.51	
Gas and Oil		84.71	
Express		3.50	
Labor		53.13	
			1,258.62

Federal Surplus Commodities

Supplies	\$	201.15	
Repairs to Equipment		10.00	
Treasury Department		375.79	
Miscellaneous		3.54	
			590.48

Reconditioning Various Buildings

Materials	\$	3,840.84	
Equipment		581.61	
Repairs to Equipment		30.70	
Labor		46.00	
Miscellaneous		18.76	
			4,517.91

Housekeeping Aides

Equipment	\$	21.50	
Repairs to Equipment		5.00	
Miscellaneous		18.11	
			44.61

Cemetery Records

Materials	\$	33.03	
			33.03

Shade Tree Census

Equipment	\$	17.90	
Supplies		43.01	
			61.00

Water Main

Materials	\$	944.42	
Equipment		546.35	
Miscellaneous		7.58	
			1,498.35

Gasoline Account

Gasoline	\$	403.02	
Miscellaneous		1.20	
			404.22

Miscellaneous Account

Fence	\$	100.00	
Prints		15.25	
Loam		13.35	
Fertilizer		13.70	
Order Books		52.50	
Ladder		4.80	
Contrib. to Fed. Music Project.....		36.00	
Printing Forms		10.00	
			245.60

Lowell Street Wall

Prints	\$	1.05	
			1.05

Town Forest

Supplies	\$	6.28	
Equipment		441.00	
			447.28

Improve Municipal Buildings and School Grounds

Materials	\$	3,085.57	
Equipment		100.50	
Labor		12.00	
Miscellaneous		10.26	
			3,208.33

Police Records

Materials	\$	193.20	
Equipment		109.62	
Miscellaneous		2.15	
			304.97

Vital Statistics

Supplies	\$	40.50	
Equipment		41.00	
			81.50

Woodcutting (Storm Damage)

Materials	\$	8.35	
Tools, etc.		74.53	
Labor		2.28	
Miscellaneous		2.73	
			87.89

Preservation of Shade Trees

Equipment	\$	82.30	
Materials		225.52	
Miscellaneous		1.50	
			309.32

Forest Glen Cemetery (New Project)

Equipment	\$	338.25	
Materials		64.60	
Miscellaneous		3.90	
		<hr/>	406.75

Re-Flooring Project

Materials	\$	775.43	
Repairs to Equipment		31.95	
		<hr/>	807.38

Toy Project

Materials	\$	174.78	
Equipment		37.50	
Labor		1.00	
		<hr/>	213.28

Survey of Municipal Buildings and Grounds

Equipment	\$	14.19	
		<hr/>	14.19

Moth Project (New)

Materials	\$	13.50	
		<hr/>	13.50

Grove Street Wall

Materials	\$	344.25	
		<hr/>	344.25

	\$	38,194.63	38,194.63
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Balance			\$ 20,283.47
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EDUCATION**School Department**

Salaries, Appropriation		\$191,500.00
Transferred to General Maintenance.....	\$	2,480.00
Superintendent and Teachers		166,139.74
Substitutes		1,021.50
Janitors		17,792.09
Attendance		500.00
Nurse		2,562.50
Medical Inspection		1,000.00
		<hr/>
Total Payments	\$	189,015.83
Balance to Revenue		4.17
		<hr/>
		\$191,500.00

General Maintenance, Appropriation	\$ 41,379.00
Transfer from Reserve Fund	\$ 721.00
Transferred from Salaries Account	2,480.00
Transferred from Industrial Tuition	391.00

\$ 44,971.00

Transportation	\$ 8,104.21
Tuition	221.15
Textbooks	4,914.41
Supplies	4,568.29
General Control Expense	2,338.29
Supervision Expense	579.20
Principals' Office Expense	240.55
Commencement	273.29
Other Expenses of Instruction	615.70
Compulsory Attendance	100.00
Medical Service	35.96
Nurse Service	217.17
Fuel	6,205.16
Other Expenses of Operation	6,065.00
Maintenance	5,577.43
Capital Outlay	4,799.19

Total Payments	\$ 44,855.00
Balance to Revenue	116.00

\$ 44,971.00

Industrial Tuition, Appropriation	\$ 1,600.00
Transferred to Maintenance	\$ 391.00
City of Medford	221.34
City of Boston	275.63
City of Somerville	596.08
City of Cambridge	80.00

Total Payments	\$ 1,173.05
Balance to Revenue	35.95

\$ 1,600.00

School Cafeterias, Appropriation	\$ 12,000.00
Pay Roll	\$ 2,866.10
Supplies	7,064.67

Total Payments	\$ 9,930.77
Balance to Revenue	2,069.23

\$ 12,000.00

Public Library Salaries

Appropriation		\$ 5,195.00
Payrolls	\$ 5,195.00	

Public Library Maintenance

Appropriation		\$ 3,000.00
Books and Periodicals	\$ 2,003.76	
Binding	151.57	
Building Repairs	81.51	
Fuel	282.74	
Light	142.39	
Water and Sewer	12.00	
Removal of Ashes	3.50	
Telephone	44.49	
Furniture	50.40	
Supplies	176.12	
All Other	50.72	
Total Payments	2,999.20	
Balance to Revenue .....	.80	
	\$ 3,000.00	

CEMETERIES

Laurel Hill Cemetery

Appropriation for Maintenance		\$ 7,650.00
Transfer from Cemetery Reserve.....		2,000.00
Transfer from Cemetery Bequest Fund....		2,290.48
Transfer from Care of Soldiers' Graves....		100.00
		\$ 12,040.48
Pay Rolls	\$ 9,461.19	
Other Payments	2,539.44	
	\$ 12,000.63	
Balance to Revenue	39.85	
	\$ 12,040.48	

Forest Glen Cemetery

Appropriation for Maintenance		\$ 1,000.00
Pay Rolls	\$ 958.50	
Other Payments	30.50	
	\$ 989.00	
Balance to Revenue	11.00	
	\$ 1,000.00	

Care of Soldiers' Graves

Appropriation		\$ 600.00
Pay Roll	\$ 500.00	
Other Payments	100.00	
	<hr/>	
	\$ 600.00	

BOARD OF PUBLIC WORKS

Salaries and Office Expenses, Appropriation....		\$ 6,335.00
Superintendent's Salary	\$ 3,500.00	
Clerical	2,019.71	
Telephones	273.77	
Office Supplies	282.56	
Printing and Advertising	61.05	
Plans and Engineer Supplies	149.54	
Auto Maintenance—Superintendent	33.24	
Miscellaneous	13.77	
	<hr/>	
Total Payments	\$ 6,333.64	
Balance to Revenue	1.36	
	<hr/>	
	\$ 6,335.00	
Highway Department, Appropriation		\$ 44,500.00
Transfer for Payment of 1937 Bills		3.43
From State and County		2,000.00
Transfer from Reserve Fund		375.00
		<hr/>
		\$ 46,878.43
Pay Roll	\$ 18,162.43	
Repairs	2,399.52	
Gas and Oil	1,610.47	
Road Material	14,389.39	
Miscellaneous Supplies and Tools.....	1,493.93	
Curbing	1,023.97	
Gravel Plant	1,493.99	
Transfer to Road Machinery Account	221.50	
All Other	6,055.11	
	<hr/>	
Total Payments	\$ 46,855.31	
Balance to Revenue	23.12	
	<hr/>	
	\$ 46,878.43	

Lowell Street Chapter 90 Const. Appropriation...	\$ 4,500.00	
From State and County	13,500.00	
		\$ 18,000.00
Pay Roll	\$ 4,489.59	
Supplies and Miscellaneous	5,660.21	
Total Payments	\$ 10,149.80	
Balance to 1939	7,850.20	
		\$ 18,000.00
Woburn Street Chapter 90 Const. Appropriation	\$ 4,500.00	
From State and County	13,500.00	
		\$ 18,000.00
Pay Roll	3,899.48	
Supplies and Miscellaneous	12,824.05	
Total Payments	\$ 16,723.53	
Balance to 1939	1,276.47	
		\$ 18,000.00

ACCOUNTING STREET LAYOUTS

	Bal. from 1937	Appro. 1938	Expended 1938	Bal. to 1939	Bal. to Revenue
Oak Ridge Road	\$112.75		\$112.75		
Pine Ridge Road ...	67.00		67.00		
Sylvan Road	44.50		44.50		
Granger Avenue		\$798.40	10.65	\$787.75	
Waverly Road		968.29	587.29	381.00	
Lawrence Road		1,985.00	1,984.98		.02
Snow and Ice Removal, Appropriation					\$ 11,450.00
Transfer for Payment of 1937 Bills					14.75
Transfer from Reserve Fund					1,681.53
					\$ 13,146.28
Pay Roll				\$ 8,465.12	
Equipment, Repairs, Plowing and Misc.....				5,525.26	
Total Payments				\$ 13,990.38	
Minus Balance				844.10	
				\$ 13,146.28	

Maintenance of Storm Drains, Appropriation..		\$ 2,000.00
Pay Roll	\$ 1,975.89	
Miscellaneous Supplies	24.11	
	<hr/>	
Total Payments	\$ 2,000.00	
Storm Water Drainage Development, Appro....		\$ 6,400.00
Pay Roll	\$ 3,631.53	
Pipe and Miscellaneous Supplies	2,768.14	
	<hr/>	
Total Payments	\$ 6,399.67	
Balance to Revenue .....	.33	
	<hr/>	
	\$ 6,400.00	
Park Department Appropriation		\$ 3,500.00
Pay Roll	\$ 1,932.60	
Tools and Supplies	699.80	
Lights	180.06	
Resurface Tennis Court	260.00	
Fencing	306.00	
All Other	99.04	
	<hr/>	
Total Payments	\$ 3,477.50	
Balance to Revenue	22.50	
	<hr/>	
	\$ 3,500.00	
John Street Dump Appropriation		\$ 1,200.00
Pay Roll	\$ 1,078.79	
Supplies	119.70	
	<hr/>	
Total Payments	\$ 1,198.49	
Balance to Revenue	1.51	
	<hr/>	
	\$ 1,200.00	
Sewer Dept. Maint. and Const. Appropriation..		\$ 11,410.00
Pay Roll	\$ 5,004.48	
Interest on Bonds	3,070.00	
Insurance	375.93	
Auto Maintenance	398.94	
Transfer to Road Machinery Account	172.00	
Miscellaneous Supplies	1,181.10	
Sewer Cleaning Equipment	483.25	
All Other	109.99	
	<hr/>	
Total Payments	\$ 10,795.69	
Balance to Sewer Reserve	614.31	
	<hr/>	
	\$ 11,410.00	

Sewer House Connections, Appropriation.....		\$ 1,000.00
Transfer from Reserve Fund		200.00
		<hr/>
		\$ 1,200.00
Pay Roll	\$ 906.28	
Pipe and Fittings	274.75	
	<hr/>	
Total Payments	\$ 1,181.03	
Balance to Revenue	18.97	
	<hr/>	
	\$ 1,200.00	
Water Dept. Maint. and Const. Appropriation..		\$ 55,325.00
Transfer for Payment of 1937 Bills		15.49
Refund .....		.83
		<hr/>
		\$ 55,341.32
Pay Roll	\$ 15,539.28	
Bonds	11,000.00	
Interest on Bonds	2,237.50	
Insurance	1,112.13	
Telephones	123.24	
Light and Power	5,436.66	
New Meters and Hydrants	926.86	
Auto Equipment and Repairs	544.20	
Pipe	7,984.93	
Supplies and Fittings	4,645.59	
Fuel	544.47	
Repairs, Standpipe	1,477.10	
Transfer to Road Machinery Account	144.00	
All Other	3,621.22	
	<hr/>	
Total Payments	\$ 55,337.18	
Balance to 1939	4.14	
	<hr/>	
	\$ 55,341.32	
P. W. A. Filtration Plant Bal. from 1937.....		\$ 823.21
No Expenditures in 1938		
Balance to 1939	\$ 823.21	
Municipal Garage Appro. Bal. from 1937.....		\$ 4,130.18
Contracts	\$ 4,130.18	
Special Labor Account Appropriation.....		\$ 13,000.00
Pay Roll	\$ 13,000.00	

High Street Construction Appropriation.....		\$ 1,500.00
Pay Roll	\$ 59.70	
Material	\$ 1,440.30	
	<hr/>	
Total Payments	\$ 1,500.00	
Chapter 500, Highway Department		\$ 12,750.00
Pay Roll	\$ 188.90	
Supplies	272.37	
	<hr/>	
Total Payments	\$ 461.27	
Balance to 1939	12,288.73	
	<hr/>	
	\$ 12,750.00	
Sidewalk Construction Appropriation		\$ 5,020.00
Transfer from Reserve Fund		1,525.00
		<hr/>
		\$ 6,545.00
Pay Roll	\$ 4,541.79	
Supplies for Construction	2,003.21	
	<hr/>	
	\$ 6,545.00	

MUNICIPAL LIGHT DEPARTMENT

Balance from 1937		\$ 8,305.02
Note Issued		25,000.00
Premium and Accrued Interest .....		.17
Sale of Light, Power, etc.		358,196.74
Miscellaneous		385.35
New Construction	\$ 60,427.51	
Electric Energy Purchased	110,193.13	
Salaries and Wages	38,744.39	
Maintenance and Operation of Lines	38,491.88	
Taxes	4,771.60	
Insurance	2,243.53	
Office and Salesroom	7,438.55	
Rent	2,386.50	
Interest Paid	3,117.90	
Bonds and Notes Paid	15,500.00	
Paid to Treasurer	24,000.00	
Other Payments	79,554.01	
	<hr/>	
	\$386,869.00	
Balance Dec. 31, 1938	5,018.28	
	<hr/>	
	\$391,887.28	\$391,887.28

INSURANCE

Appropriation from Tax Levy	\$ 11,657.06
Appropriation from Sewer Department	375.93
Appropriation from Water Department	1,112.13
Transfer from Municipal Light Dept.	1,560.07
	<hr/>
	\$ 14,705.19
Treasurer's Bond, etc.	\$ 333.83
Collector's Bond, etc.	497.55
Assessors	2.02
Municipal Building	194.15
Town Farm	25.63
Police Department	502.31
Police Station	102.42
Fire Department	483.66
Fire Stations	77.71
Fire Alarm	110.79
Moth Department	328.47
Sealer of Weights and Measures	13.76
Public Welfare	106.08
Public Works	255.87
Highway Department	2,754.00
Park Department	54.37
Cemetery Department	317.38
Library	156.27
School Department	2,897.63
Sewer Department	387.16
Water Department	1,218.52
Municipal Light Department	1,618.93
W. P. A.	116.57
Town Accountant	16.37
Town Clerk	15.00
Track Road	5.00
21 Colburn Road	5.04
Pearl Street	6.00
41 Elliott Street	5.04
Other Payments	125.00
	<hr/>
Total Payments	\$ 12,732.53
Less Credit	166.17
	<hr/>
Balance to Revenue	\$ 12,566.36
	2,138.83
	<hr/>
	\$ 14,705.19

Interest, Not Including Water, Light, Sewer, Loans

Appropriation		\$ 5,544.25
Municipal Garage	\$ 528.75	
County Hospital	45.00	
Police Station	300.00	
Fire Engine	38.00	
Municipal Relief	677.50	
Temporary Loans	2,273.47	
	<hr/>	
	\$ 3,862.72	
Transfer to Snow and Ice Account	1,681.53	
	<hr/>	
	\$ 5,544.25	

Municipal Debt, Not Including Water and Light

Appropriation		\$ 29,000.00
Sewer Department	\$ 8,000.00	
Municipal Garage	3,000.00	
Police Station	5,000.00	
Fire Engine	1,000.00	
Municipal Relief 1935	4,000.00	
Municipal Relief 1937	8,000.00	
	<hr/>	
	\$ 29,000.00	\$ 29,000.00

OTHER MUNICIPAL DEBT

Temporary Loans Anticipation of Revenue	\$700,000.00
Temporary Loans Anticipation of Reimbursement	21,200.00
Tax Title Loan	8,078.18

ACCOUNTING SUNDRY ACCOUNTS

	Bal. from 1937	Appro. 1938	Expended	Bal. to Revenue	Bal. to 1938
Rent Legion Qtrs. ..		\$1,000.00	\$1,000.00		
Mem. Day Obser. ...		600.00	595.37	4.63	
Town Forest		300.00	300.00		
Land Court Expen. ..		500.00	468.23	31.77	
Unpaid Bills		6,700.00	6,673.89	26.11	
Mun. Advertising	151.80		103.27		48.53
Personal Injuries:					
Oscar H. Low		338.15	338.15		
F. S. Channon- house		500.00	500.00		

ACCOUNTING SPECIAL FUNDS

	Bal. from 1937	Receipts	Pay- ments	Bal. Dec. 31, 1938
Premium and Int.	\$ 321.95	\$ 60.35	\$ 60.35	\$ 321.95
Publicity Booklet	3.84			3.84
Pub. Welfare Special ..	21.99	7.02		29.01
Baseball Fund	31.20	14.00		45.20
Morrison Fund	97.71		61.12	36.59
World War Mem. Fund	5,280.57		91.00	5,189.57

GUARANTEE DEPOSITS, REFUNDS

	Receipts	Payments	Transfers
Sewer House Connections	\$ 903.75	\$ 241.25	\$ 662.50
Sidewalk and Curbing Work	290.73	89.06	201.67
Cemetery Work	205.00	4.00	201.00
Dog License Fees	1,823.60	1,800.20	23.40

ACCOUNTING STATE AND COUNTY TAXES

	Bal. from 1937	Appro- priation	Payments	Bal. to 1939
Middlesex County Hosp.				
Acts 1932		\$ 7,670.52	\$ 7,670.52	
Acts 1935		6,250.37	6,250.37	
County Tax	Dr.283.08	26,094.70	25,848.01	36.39Dr.
Met. Sewer Asst.	Cr.155.17	10,132.82	9,774.81	513.18Cr.
State Tax	Dr.1,822.50	22,222.50	43,350.00	22,950.00Dr.
State Parks and Reser- vations	Dr. 125.84	562.79	481.72	44.77Dr.

RESERVE FUND

Appropriation		\$ 5,000.00
Sidewalk Construction	\$ 1,525.00	
Highway Maintenance	375.00	
School Maintenance	721.00	
Sewer H. C.	200.00	
Collector's Expense	250.00	
Collector's Clerical	150.00	
Military Aid	300.00	
Election and Registration Expense.....	650.00	
Town Counsel's Expense	120.00	
Soldiers' Relief	200.00	
State Aid	15.00	
Miscellaneous Expense	100.00	
Treasurer's Clerical	50.00	
<hr/>		
Total Payments	\$ 4,656.00	
Balance to Revenue	344.00	
<hr/>		
	\$ 5,000.00	

TOWN DEBT DETAIL OF MATURITIES

Year	Municipal Relief 1935	Municipal Relief 1937	Municipal Relief 1938	Storm Emergency	Storm Emergency	Emergency Light Dept.	Elementary School	Water Dept.	Water Filtration Plant	Sewer Dept.	Municipal Light Dept.	Municipal Garage	Fire Engine	Police Station	County Hospital Acts 1935	Total
1939	\$ 3,000.00	\$ 7,000.00	\$ 7,000.00	\$13,000.00	\$25,000.00	\$6,000.00	\$6,000.00	\$ 6,000.00	\$ 5,000.00	\$ 8,000.00	\$ 15,500.00	\$ 3,000.00	\$600.00	\$5,000.00	\$1,000.00	\$105,100.00
1940	3,000.00	7,000.00	7,000.00			6,000.00	6,000.00	6,000.00	5,000.00	8,000.00	14,000.00	3,000.00			1,000.00	60,000.00
1941	3,000.00		7,000.00			6,000.00	6,000.00	6,000.00	4,000.00	7,000.00	12,000.00	3,000.00			1,000.00	49,000.00
1942	3,000.00		7,000.00			6,000.00	6,000.00	6,000.00	4,000.00	7,000.00	12,000.00	3,000.00			1,000.00	49,000.00
1943	3,000.00		7,000.00			6,000.00	6,000.00	4,000.00	3,000.00	7,000.00	12,000.00	2,000.00			1,000.00	45,000.00
1944	3,000.00					6,000.00	4,000.00	4,000.00	3,000.00	7,000.00	12,000.00	2,000.00			1,000.00	38,000.00
1945	3,000.00					6,000.00	4,000.00	4,000.00	3,000.00	6,000.00	10,000.00	2,000.00				34,000.00
1946						6,000.00	2,000.00	2,000.00		6,000.00	8,000.00	2,000.00				24,000.00
1947						6,000.00				6,000.00	8,000.00	2,000.00				22,000.00
1948						6,000.00				2,000.00	2,000.00					10,000.00
1949						5,000.00				2,000.00	2,000.00					9,000.00
1950						5,000.00					2,000.00					7,000.00
1951						5,000.00					2,000.00					7,000.00
1952						5,000.00										5,000.00
1953						5,000.00										5,000.00
1954						5,000.00										5,000.00
1955						5,000.00										5,000.00
1956						5,000.00										5,000.00
1957						5,000.00										5,000.00
1958						5,000.00										5,000.00
	\$21,000.00	\$14,000.00	\$35,000.00	\$13,000.00	\$25,000.00	\$110,000.00	\$38,000.00	\$27,000.00	\$66,000.00	\$111,500.00	\$22,000.00	\$600.00	\$5,000.00	\$6,000.00	\$9,000.00	\$491,100.00*

* Tax Title Loan of 1938 \$25,000.00 of which \$16,921.82 unpaid Dec. 31, 1938 not included.
A Borrowed under Clause 9, Section 8, Chapter 44, G. L.

ACCOUNTING LOANS, ANTICIPATION OF REVENUE

Outstanding Jan. 1, 1938 \$250,000.00
 Issued in 1938:

Date	Note Due	Purchased by	Rate	Amount
Apr. 9/38	Nov. 1/38	2nd Nat'l. Bk., Boston	.539%	\$100,000.00
	Nov. 28/38	2nd Nat'l. Bk., Boston	.539%	100,000.00
	Dec. 1/38	2nd Nat'l. Bk., Boston	.539%	100,000.00
	Dec. 19/38	2nd Nat'l. Bk., Boston	.539%	150,000.00
Nov. 25/38	Nov. 13/39	2nd Nat'l. Bk., Boston	.239%	275,000.00
				<hr/> \$975,000.00

Paid in 1938:

April	\$250,000.00
November	200,000.00
December	250,000.00
	<hr/> 700,000.00

Outstanding December 31, 1938 \$275,000.00

ACCOUNTING TRUST FUNDS

Balance Jan. 1, 1938	\$243,764.43
Hospital Fund Income	4,628.01
Cemetery Bequest Fund Income	2,212.29
Cemetery Bequest Fund Bequests	2,280.00
R. H. S. Scholarship Fund Income	136.20
Public Library Fund Income	20.82
Public Library Fund (H. G. Wadlin) Income...	35.24
Hospital Fund Payments for Hospital Care....	\$ 2,607.42
Hospital Fund, Administrative Expenses	100.00
Cemetery Bequest Fund Payments for Care	
Endowed Lots	2,290.48
R. H. S. Scholarship Fund Payments for Schol-	
arships	120.00
Balance Dec. 31, 1938	247,959.09
	<hr/>
	\$253,076.99
	<hr/> \$253,076.99

HOSPITAL FUND

Balance Jan. 1, 1938	\$159,597.11
Receipts	4,628.01
Payments	\$ 2,707.42
Balance Dec. 31, 1938	161,517.70
	<hr/>
	\$162,225.12
	<hr/> \$162,225.12

CEMETERY BEQUEST FUND

Balance Jan. 1, 1938		\$ 76,355.23
Receipts		4,492.29
Payments	\$ 2,290.48	
Balance Dec. 31, 1938	78,557.04	
		<hr/>
	\$ 80,847.52	\$ 80,847.52

READING HIGH SCHOOL SCHOLARSHIP FUND

Balance Jan. 1, 1938		\$ 5,021.74
Receipts		136.20
Payments	\$ 120.00	
Balance Dec. 31, 1938	5,037.94	
		<hr/>
	\$ 5,157.94	\$ 5,157.94

PUBLIC LIBRARY FUND

Balance Jan. 1, 1938		\$ 1,036.37
Receipts		20.82
Balance Dec. 31, 1938	\$ 1,057.19	
		<hr/>
	\$ 1,057.19	\$ 1,057.19

PUBLIC LIBRARY FUND

Horace G. Wadlin

Balance Jan. 1, 1938		\$ 1,753.98
Receipts		35.24
Balance Dec. 31, 1938	\$ 1,789.22	
		<hr/>
	\$ 1,789.22	\$ 1,789.22

STATEMENT OF INVESTED FUNDS

Cemetery Bequest Fund

Investments Listed at Par:

\$5,000 N. E. Tel. 1st Mort. 5's Series A 1952.....	\$ 5,000.00
\$5,000 No. Pac. Ry. Ref. and Imp., 6's Series B2047....	5,000.00
\$4,000 N. Y. C. C. R. R. Ref. Imp. 5's Series C2013	4,000.00
Blackstone Savings Bank, Boston, No. 10672.....	6,523.94
Home Savings Bank, Boston, No. 368,204.....	10,393.82
Boston Five Cents Savings Bank, No. 948,228.....	15,617.98
Andover Savings Bank, No. 40177	4,573.00
Cambridge Savings Bank, No. 89,112	4,614.22
Essex Savings Bank, Lawrence, No. 230779	4,659.94

Mechanics Savings Bank, Reading No. 5103.....	4,685.82
Mechanics Savings Bank, Reading, No. 10714	2,080.14
Malden Savings Bank, No. 137262	5,756.89
Woburn Five Cents Savings Bank, No. 61052	5,651.29
	<hr/>
	\$ 78,557.04

Library Fund

Investment:

Boston Five Cents Savings Bank, No. 987,334.....	\$ 1,057.19
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Horace G. Wadlin Fund

Investment:

Boston Five Cents Savings Bank, No. 1079095	\$ 1,789.27
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Reading High School Scholarship Fund

Investments:

Andover Savings Bank, No. 39,861	\$ 1,000.00
Charlestown Five Cents Savings Bank, No. 161863	3,000.00
Essex Savings Bank, Lawrence, No. 230,306	1,000.00
First National Bank, Reading, Savings Dept., No. 5624.....	37.94
	<hr/>
	\$ 5,037.94

Hospital Fund

Investments Listed at Par or Less:

\$5000 Chicago B. & Q. R. R. Co., Ill., Div. "M" 3½'s, 1949..	\$ 5,000.00
\$4050—100 Shares First National Bank, Boston	4,050.00
\$5000 Consolidated Gas of Baltimore Gen. M 4½'s, 1954....	5,000.00
\$5000 Ill. Cent. R. R. Co., Tr. 4's 1952	5,000.00
\$5000 Ill. Cent. R. R. Co., St. Louis Div. 1st M 3's, 1951.....	5,000.00
\$5000 U. S. Treasury Bonds 4¼'s, 1952	5,000.00
\$10,000 U. S. Treasury Bonds 2¾'s 1963	10,000.00
\$5000 Pitts. Cinn. Chicago & St. L., 4½'s 1977	5,000.00
\$5000 N. Y. Tel. Co. 1st Gen M 4½'s 1939	5,000.00

\$5000 Old Colony R. R. 1st 5's, 1945	5,000.00
\$5000 Penn. R. R. Co. Gen. Mort. 4½'s 1965	5,000.00
American Mfg. Co., Common, 72 Shares	1.00
Home Bleachery & Dye Wks. Pfd. 2 Shares	11.00
Sharp Mfg. Co. Pfd., 55 Shares	1.00
Sharp Mfg. Co. Com., 20 Shares (10921300)	1.00
Andover Savings Bank, No. 39860	7,621.91
Charlestown Five Cents Savings Bank, No. 162338.....	7,901.99
Essex Savings Bank, Lawrence, No. 230778	7,766.77
Mechanics Savings Bank, Reading, No. 9189	15,191.49
First National Bank, Reading, Savings Dept., No. 6435....	5,582.30
Chelsea Savings Bank, No. 154784.....	9,717.88
Danvers Savings Bank, No. 2189	1,063.98
Dedham Institution for Savings, No. 72053	3,088.28
Franklin Savings Bank, Boston, No. 187890	2,096.69
Lynn Five Cents Savings Bank, No. 244496	2,041.87
Malden Savings Bank, No. 141347	5,609.09
Melrose Savings Bank, No. 52937	2,055.38
Provident Institution for Savings, Boston, No. 615034.....	8,428.58
Suffolk Savings Bank, Boston, No. 544673.....	2,095.03
Wakefield Savings Bank, No. 135648	4,100.63
Warren Institution for Savings, Boston, No. 135648.....	10,746.49
Woburn Five Cents Savings Bank, No. 63401	4,729.22
Cash in General Fund	2,616.12
	<hr/>
	\$161,517.70

I hereby certify that, in accordance with the provisions of Section 55, Chapter 41 of the General Laws, I have audited the account of the Commissioners of Trust Funds, have examined the securities and verified bank balances and report the foregoing to be a true and accurate statement, December 31, 1938.

LEON G. BENT,
Town Accountant.

UNPAID BILLS 1938

Public Library	\$ 92.91
Contagious Diseases	222.00
Board of Health	16.00
Police Department	6.45
School Department	36.84
Public Welfare Department	1,471.52
	<hr/>
	\$ 1,845.72

For unpaid bills of Municipal Light Department, see Department Report.

BALANCE SHEET DECEMBER 31, 1938

ASSETS

Cash in Banks and Offices	\$346,616.90
Petty Cash:	
Municipal Light Dept.	250.00
Water Dept.	100.00
Public Welfare Dept.	50.00
School Dept.	25.00
Library Dept.	15.00
Municipal Light Consumer's Deposit Fund	9,329.54
Accounts Receivable:	
Taxes: Levy of 1934	48.00
1935	217.10
1936	766.53
1937	32,195.46
1938	166,514.90
Motor Vehicle Excise:	
Levy of 1934	118.71
1935	367.08
1936	918.65
1937	1,458.37
1938	1,024.34
Special Assessments:	
Moth 1937	44.50
1938	219.50
Sewer Assts. Unapportioned	473.89
Sewer Assts. added to taxes 1937	9.35
Sewer Assts. added to taxes 1938	157.77
Sewer Assts. Int. added to taxes 1937	2.25
1938	34.21
S & C Unapportioned	1,845.39
Sidewalk Assts. added to taxes 1937	11.13
Sidewalk Assts. added to taxes 1938	268.25

LIABILITIES AND RESERVES

Temporary Loans in Anticipation of Reimbursement \$ 29,000.00	
Temporary Loans in Anticipation of Revenue	275,000.00
Guarantee Deposits:	
Municipal Light Consumer's Deposits	9,329.54
Premium on Loans	321.95
Hospital Fund	2,616.12
Cemetery Reserve Fund	6,229.55
Soldiers' Memorial Fund	5,189.57
Unexpended Appropriation Balances	12,755.77
W. P. A. Materials	20,288.82
Elementary School Building	132,831.95
Highway Fund, Chap. 500 Acts 1938	12,288.73
Road Machinery Account	3,317.15
Municipal Light Dept. Operating Account	5,018.28
Special Funds:	
Public Welfare	29.01
Morrison Fund	36.59
Baseball Fund	45.20
Dog License Fees	23.40
Tailings Account	3,361.18
Reserve Fund Overlay Surplus	828.38
Overlays Reserved 1934	48.00
1935	216.10
1937	130.39
1938	3,090.46
Revenue reserved until collected:	
Motor Vehicle Excise Tax	3,887.15
Moth Assessments	264.00
Sewer Assts. and Int.	677.47
Highway Betterment Assts. and Int.	3,402.54
Sidewalk Assts. and Int.	2,179.14

Sidewalk Assts. Int. added to taxes 1937	66	Sewer Rentals	1,652.38
Sidewalk Assts. Int. added to taxes 1938	53.71	Tax Titles	11,254.04
Highway Assts. Unapportioned	2,367.13	Tax Possessions	4,794.52
Highway Assts. added to taxes 1937	80.79	Departmental Accounts Rec.	31,407.27
Highway Assts. added to taxes 1938	681.61	Water Department Accts. Rec.	3,316.14
Highway Assts. Int. added to taxes 1937	30.26	Municipal Light Dept. Accts. Rec.	41,546.92
Highway Assts. Int. added to taxes 1938	242.75	Surplus Revenue (E & D)	61,243.72
Sewer Rentals	1,652.38	Metropolitan Sewer Asst. Over Estimate	513.18
Tax Titles	11,254.04	Reserve for Tax Title Loan	8,519.59
Due from Water Dept.	4,022.91	Water Dept. Maintenance	4.14
Tax Possessions	4,794.52	Water Available Surplus (Deficit)	4,022.91
Departmental Accounts Receivable	31,407.27		
Water Rates	2,281.94		
Water Liens, Int. and Costs	1,034.20		
County Tax Deficit	36.39		
State Tax Deficit	22,950.00		
State Parks and Reservations	44.77		
Municipal Light Rates	41,118.49		
Municipal Light Dept. Notes Receivable	428.43		
State Aid to Highways	7,369.71		
County Aid to Highways	4,567.59		
Overlay Deficit 1936	335.78		
Snow and Ice Removal Overdraft	844.10		
	<hr/>		<hr/>
	\$700,681.25		\$700,681.25
DEFERRED ACCOUNTS		DEFERRED ACCOUNTS	
Apportioned Sewer Asst. not due	1,004.17	Apportioned Sewer Asst. Revenue 1939-1947	1,004.17
Apportioned Sidewalk Asst. not due	2,498.07	Apportioned S & C Asst. Revenue 1937-1947	2,498.07
Apportioned Highway Asst. not due	8,647.65	Apportioned Betterment Revenue 1937-1947	8,647.65
	<hr/>		<hr/>
	12,149.89		12,149.89

BALANCE SHEET DECEMBER 31, 1938

Assets

Outstanding Debt (not including temporary loans) .. 511,021.82

DEBT ACCOUNT

Police Station Loan	5,000.00
Fire Engine Loan	600.00
Sewer Loan	66,000.00
Elementary School Loan	110,000.00
Hospital Loan	6,000.00
Municipal Garage Loan	22,000.00
Municipal Relief Loan Acts 1935	21,000.00
Municipal Relief Loan Acts 1937	14,000.00
Municipal Relief Loan Acts 1938	35,000.00
Tax Title Loan Acts 1938	16,921.82
Storm Emergency Loan Chap. 44 G. L.	13,000.00
Public Service Enterprises Debt	
Municipal Light Loan	111,500.00
Municipal Light Storm Emergency, Chap. 44 G. L.	25,000.00
Water Loan	38,000.00
Water Filtration Plant Loan	27,000.00
	<hr/>
	511,021.82

TRUST ACCOUNTS

Hospital Fund	161,517.70
Cemetery-Bequest Fund	78,557.04
R. H. S. Scholarship Fund	5,037.94
Library Fund	1,057.19
Horace G. Wadlin Fund	1,789.22
	<hr/>
	247,959.09

Trust Funds, Cash and Securities 247,959.09

247,959.09

\$1,471,812.05

\$1,471,812.05

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